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28 Feb 1980, DoDD 5200.10 (287 Feb 1971); AGO D/A ltr, 1980	

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# **SECURITY**

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**Separate page printouts MUST be marked accordingly.**

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DEPARTMENT OF THE ARMY  
OFFICE OF THE ADJUTANT GENERAL  
WASHINGTON, D.C. 20310

IN REPLY REFER TO  
AGAM-P (M) (12 Apr 68) FOR OT RD 681233

22 April 1968

SUBJECT: Operational Report - Lessons Learned, Headquarters, II  
Field Force Vietnam Artillery, Period Ending 31 January 1968 (U)

SEE DISTRIBUTION

1. Subject report is forwarded for review and evaluation in accordance with paragraph 5b, AR 525-15. Evaluations and corrective actions should be reported to ACSFOR OT RD, Operational Reports Branch, within 90 days of receipt of covering letter.

2. Information contained in this report is provided to insure appropriate benefits in the future from lessons learned during current operations and may be adapted for use in developing training material.

BY ORDER OF THE SECRETARY OF THE ARMY:

1 Incl  
as

*Kenneth G. Wickham*

KENNETH G. WICKHAM  
Major General, USA  
The Adjutant General

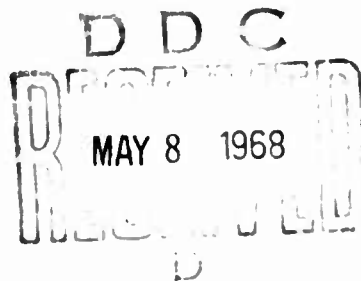
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- Director, Weapons Systems Evaluation Group
- Commanding Generals
  - US Army Weapons Command
  - II Field Force Vietnam Artillery
  - 5th Infantry Division (Mech)
- Commanding Officers
  - 4th Brigade, 6th Infantry Division
  - 1st Battalion, 82d Artillery

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**SECRET**

**DEPARTMENT OF THE ARMY  
HEADQUARTERS II FIELD FORCE VIETNAM ARTILLERY  
APO SAN FRANCISCO 96266**



**OPERATIONAL REPORT-LESSONS LEARNED  
QUARTERLY FOR PERIOD ENDING 31 JANUARY 1968  
(RCS CSFOR 65) (U)**

**SECRET**

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DECLASSIFIED AFTER 12 YEARS.  
DOD DIR 5200.10**

**FOR OT RD  
681233**

**DDC CONTROL  
NO. 82151**





**SECRET**

DEPARTMENT OF THE ARMY  
HEADQUARTERS, II FIELD FORCE VIETNAM ARTILLERY  
APO SAN FRANCISCO 96266

AVFB-FAC

25 FEB 1968

SUBJECT: Operational Report - Lessons Learned for Quarterly Period  
Ending 31 January 1968 (RCS CSFOR-65) (UIC W-DHI-HS) (U)

THRU: Commanding General  
II Field Force Vietnam  
APO 96266

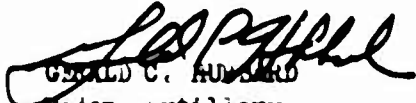
THRU: Commanding General  
United States Army Vietnam  
ATTN: AVHGC-DST  
APO 96375

THRU: Commander in Chief  
US Army Pacific  
ATTN: GPOP-OT  
APO 96558

TO: Assistant Chief of Staff for  
Force Development  
Department of the Army  
Washington D.C. 20310

In compliance with AR 1-19, dated 26 May 1966, Subject, Operational Reports - Lessons Learned (RCS-CSFOR-65), this headquarters' Operational Report - Lessons Learned for the period 1 November - 31 January 1968 is attached

FOR THE COMMANDER:

  
GERALD C. RUSSELL  
Major, Artillery  
Adjutant

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Classified

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681233

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## SECTION I - Significant Organizational Activities.

### A. Administration/Personnel.

1. During this period there were no changes in the command of II FFORCEV Artillery nor was there a large rotation of assigned personnel. The morale of the unit continues to be outstanding. The following awards were presented to assigned and attached personnel:

- |                            |    |
|----------------------------|----|
| a. Bronze Star Medal       | 18 |
| b. Army Commendation Medal | 12 |

2. There were no administrative or tactical movements of II FFORCEV Artillery Headquarters during this period.

3. The current organizational structure of II FFORCEV Artillery is at Inclosure 1.

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B. (C) Operations and Intelligence.

1. (C) General.

During this reporting period repositioning of artillery continued with the changing operational situation, additional emphasis was placed on providing artillery support for SF/CIDG personnel and continued emphasis was directed towards assisting and improving the effectiveness of ARVN Artillery.

2. (S) Positioning and Mission of II FFORCEV Artillery Units.

The current base camp positioning of II FFORCEV Artillery units is at Inclosure 2. Heavy Artillery coverage within III CTZ is at Inclosure 3. The general missions are outlined in Inclosure 4. Specific missions will vary from time to time based on operational requirements.

a. To provide direct support artillery for the 5th ARVN Rangers in the Capital Military District, II FFORCEV Artillery developed a fourth battery concept. Headquarters 2nd Bn, 13th Arty (105mm) and three 4-gun firing batteries moved into the CMD in November and December 1967. The fourth battery (6 gun) remained at Phu Loi available to meet other artillery support requirements in IIT CTZ.

b. On 20 December 1967, Battery C, 6th Bn, 27th Arty (8"/175mm) moved from Phuoc Vinh to Phu Loi in preparation for a move to Loc Ninh. On 25 January 1968 the battery displaced to Loc Ninh. This composite heavy battery provides 8" support in the Loc Ninh area as well as additional 175mm coverage along a large area of the Cambodian border, recently the region of heavy VC/NVA activity. Headquarters 6th Bn, 27th Arty (8"/175mm) moved to Phu Loi on 9 January 1968 to facilitate command and control of the three firing batteries in Northern III CTZ.

c. Battery A, 7th Bn, 8th Arty (8"/175mm) moved from Bien Hoa to Phuoc Vinh on 20 December 1967. The heavy battery supports the newly deployed 101st (Abn) Division and provides extensive coverage in the critical areas north of Bien Hoa Air Base.

d. A significant example of the flexible capabilities of Force Heavy Artillery as well as the progress being made in the III CTZ was the move of Battery B, 1st Bn, 83d Arty (8"/175mm) from Ham Tan to Bien Hoa on 20 January 1968. The battery, which deployed to Ham Tan on 10 July 1967 by sea because of lack of secure roads, completed this 140 km road march using organic security forces.

e. The 24 Bn, 11th Arty (155mm), which had been attached to the Americal Division since April 1967, returned (- Battery B) to III CTZ on 6 January 1968 and was assigned to the 23d Arty Group. Battery B is scheduled to return at a later date. The Battalion deployed to Bien Hoa and was assigned the mission of general support II FFORCEV. Subsequently, on 27 January 1968 Battery C deployed to I FFORCEV to meet contingencies in that operational area.

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## 3. (C) Assistance to ARVN.

a. Emphasis continues to be placed on programs of providing assistance to ARVN artillery, RF/PF and Special Forces/CIDG. During the reporting period, artillery of II FFORCEV fired 7,749 missions expending 43,919 rounds of ammunition in support of ARVN ground forces, Special Forces/CIDG, and RF/PF outposts. Artillery displaced 12 times to support 9 multi-company sized Vietnamese operations. On 23 occasions US artillery assumed ARVN territorial defense missions permitting ARVN Artillery to provide support for their maneuver forces. By taking advantage of the artillery support provided by US Artillery, 10 ARVN platoons displaced to new position areas to expand territorial coverage.

b. Throughout the III Corps Tactical Zone subordinate units of II FFORCEV have formed mobile artillery training teams for the purpose of providing assistance in fire planning, artillery adjustment training, instruction in crater analysis, construction of azimuth/target devices "Whiz Wheels", training aid support and training literature. To date training teams have visited more than 230 RF/PF outposts.

c. Two hundred copies of a lesson plan in Vietnamese and English for the adjustment of artillery fire, with supporting training aids, were given to the Senior Artillery Advisor, III ARVN Corps for use by US advisors and Vietnamese instructors at RF/PF outposts.

d. The Divisional Artilleries of the 1st, 9th and 25th Infantry Divisions with assistance from the 23d and 54th Artillery Groups are conducting on site refresher training for ARVN artillery units. ARVN artillery in the III CTZ consists of eight battalions deployed by platoons at 55 different locations. Each position area is unique with its own individual training problems. Positions generally consist of single or multiple platoons of 105mm or 155mm howitzers. To provide effective training, the instruction was "tailored" to each ARVN division area, with consideration being given to the mission and operations conducted. Each US Division Artillery developed a plan of instruction and supporting lesson plans based on the guidance and desires of the ARVN Division Artillery commander. The programs of instruction and methods of presentation in each division are unique and specifically adapted to the training situation. Each program has now been in progress for at least two months. In most cases, the instruction has been received with enthusiasm, and the results have been encouraging.

## 4. (C) Artillery Support for SF/CIDG.

During this reporting period, remote SF/CIDG Camps have received increasing artillery support in III CTZ. II FFORCEV Artillery units conducted 19 one day artillery assaults to support SF/CIDG operations or to engage targets initiated by SF/CIDG. In addition to furnishing forward observer parties and liaison officers from Force Artillery units, an officer from Force Artillery was attached to Company A, 5th Special Forces on a full time basis. This officer provides advice on the employment of artillery

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plans fires, and assists camp commanders in establishing artillery requirements. During this period frequent airlift of Force light and medium artillery units has proven effective. This type support at Prek Klok, Tong Le Chon, Song Be, Bu Dop, Minh Thann and Loc Ninh achieved highly satisfactory results. Force Artillery now plays a significant role in the defense of SF/CIDG camps as well as in the support of various SF/CIDG operations.

## 5. (C) Programs to Increase the Accuracy of Artillery.

a. There were no changes in the stationing of Metro Stations during this period. The current base camp location of Metro Sections in II FFORCEV Artillery is at Inclosure 5.

b. Calibration of Artillery Pieces. Calibration was conducted for 151 of 472 US/FMAF and 52 ARVN Artillery pieces during the reporting period. Pull over gauge readings were made on 97 US/FMAF and 44 ARVN tubes.

c. Survey. Survey control has been extended to 17 RF/PF Outposts supporting Revolutionary Development Teams in III Corps Tactical Zone. Also several defensive concentrations for each outpost were surveyed. A total of 42 survey control points were established along highway 1 in support of Operation Santa Fe. Five (5) survey control points were established for fire support bases south of Loc Ninh on QL 13. Other surveys were completed for firing batteries at the CMD, Xuan Loc and for watch towers and radars at Tan Son Nhut Airbase. Two (2) survey control points were established for the 1st Infantry Division base camp at Di An. Publication and distribution of the III CTZ Trig Supplement Addendum was completed. The current status of survey control in III CTZ is shown in Inclosure 6.

## 6. (C) Aircraft.

The lack of organic aircraft and aviators continues to have an adverse effect on artillery operations of II FFORCEV Artillery. There are 10 pilots to fly 18 organic aircraft. Three of these pilots are TDY from the 12th Combat Aviation Group. Daily mission observation aircraft have been reduced from 11 to 6 with no compensatory reduction in the area of responsibility for visual reconnaissance.

## 7. (C) Counter mortar.

a. Hq II FFORCEV Artillery conducted an informal study of all reported mortar attacks that occurred in the III Corps Tactical Zone during December 1967 and January 1968. The purpose of this survey was to determine any significant trends in the enemy's conduct of mortar attacks.

b. The issue of an AN/MP-4 radar to the 247th Radar Detachment in mid-November and subsequent positioning at Cat Lai facilitated the positioning of the 199th LIR radar to support its base camp area and Bien Hoa Airbase, and permitted return of 25th Infantry Division radar to the control of that organization. The 101st Airborne Division arrived with 3 counter-mortar radars which are being used in support of operations. There are 22

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countermortar radars in II FFOURCEV TAOI.

8. (C) TOE for Artillery.

This headquarter's previous operational report discussed the review and standardization of TOE's for all division artillery and Force artillery battalions as well as the Force Artillery Group Headquarters and Force Artillery Headquarters. All standardized TOE's for the Force and division artillery battalions have subsequently been approved by Department of the Army and their implementation is expected in the near future. These standardized TOE's will significantly increase the effectiveness of artillery units. Approval of the TOE's for artillery group headquarters and Force Artillery Headquarters is pending.

9. (C) Publications. The following significant publications developed to further the effectiveness of II FFOURCEV Artillery were published:

a. II Field Force Vietnam Artillery Tactical Standing Operating procedures (TAC SOP) was published 21 January 1968. This SOP provides guidance and operational concepts for II Field Force Artillery and where applicable, artillery with II Field Force, concerning administrative operational and logistical functions. A copy of the SOP is at Inclosure 7.

b. II Field Force Vietnam Regulation 350-1, subject, Training, dated, 21 December 1967, has been published to establish policy and provide guidance in planning, conducting and supervising the military training of individuals assigned, attached or OPCON to this command. A copy of this regulation is attached at Inclosure 8.

c. II Field Force Vietnam CONFIDENTIAL Regulation 525-1, subject, Uniform Target Designation System, dated 7 December 1967, was published to provide target designation procedures intended to minimize confusion, assure troop safety, insure rapid identification of targets and assist in coordination of fires. A copy of this regulation is at Inclosure 9.

d. II Field Force Vietnam CONFIDENTIAL Regulation 525-16, dated 23 August 1967, subject, Defense Against Rocket Attacks, with changes 1 and 2, dated 19 Sept 67 and 29 Oct 67 respectively, was published to improve the defenses of US/FVMAF in III CTZ against rocket attacks. The regulation establishes certain fire coordination and communications procedures and outlines many active and passive countermeasures to be taken to preclude and/or minimize the effects of rocket attacks. A copy of this regulation is at Inclosure 10.

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## SECTION II, PART 1 - OBSERVATIONS (Lessons Learned).

1. (U) Personnel: None.

2. (C) Operations:

a. FIRING PROCEDURES

Item: Clearance of Fires.

Discussion: The need to protect friendly, innocent civilians and their property, plus the requirement to provide a degree of safety to friendly military forces from inadvertent attack has caused the evolution of a joint agreement in the III CTZ, between ARVN and US/PWMAF officials. Before fires may be delivered, except when troops are in contact with the enemy, firing elements are required to have both civilian and military clearance. The actual clearance of fires is accomplished at the lowest possible levels; e.g., sub-sector and US battalion for artillery fires. Unit commanders in contact with the enemy are not required to have clearance before firing.

Observation: A joint written agreement provides for common terminology and simplified procedures for clearance of fires and thus reduces misunderstandings and accidents to a minimum. A copy of the joint agreement between CG, II FFORCEV and CG, III Corps is attached at Inclosure 11.

b. ARTILLERY SUPPORT

Item: Artillery Support for Special Forces and Civilian Irregular Defense Groups.

Discussion: During this reporting period, as artillery support requirements for SF/CIDG units increased, this headquarters found it increasingly more difficult to plan for, coordinate, and provide timely and effective artillery support for SF/CIDG units. An officer from Force Artillery was attached to Company A, 5th Special Forces on a full time basis. This officer performs an important liaison function between II FFORCEV Artillery and Company A, 5th Special Forces Headquarters. He provides advice on the employment of artillery, plans fires and assists camp commanders in establishing artillery requirements.

Observation: Placing a Force Artillery Liaison Officer at the Special Forces control headquarters has significantly enhanced the planning and coordination of artillery support for SF/CIDG Camps within III CTZ.

3. (C) Training and Organization:

a. ORGANIZATION OF 105mm ARTILLERY BATTALION

Item: A four firing battery 105mm artillery battalion.

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Discussion: In November 1967 this headquarters developed a fourth battery concept, which requires that Force Artillery 105mm battalions be capable of deploying a fourth firing battery solely from internal resources. An example of this concept in use is the artillery support presently being provided the 5th ARVN Rangers in the CMD by the 2nd Bn, 13th Arty (105mm). Two batteries from the battalion have been fragmented giving an organization of three 4-gun batteries and one 6-gun battery. The three 4-gun batteries have been deployed in the CMD while the remaining battery is available for support missions throughout III CTZ. The CMD mission is ideal for this organization due to the requirement for semi-permanent battery locations and existing overlapping coverage. This concept has been extended to include 155mm battalions.

## b. GUNNERS' TESTS AND PROFICIENCY TESTS

Item: FDC and Howitzer Section Evaluation.

Discussion: II Field Force Regulation 350-1, 21 December 1967, (Inclosure 8) prescribes the quarterly proficiency testing of FDC personnel, and the administration of the Artillery Gunners Qualification Tests to key personnel of the howitzer sections. Company grade artillery officers will be administered both tests.

Observation: The quarterly testing and evaluation facilitates training new personnel, maintains proficiency in FDC and howitzer section personnel, and serves as an aid in reducing incidents resulting from personnel error.

## 4. (U) Intelligence:

### COUNTERMORTAR

Item: Enemy Mortar Techniques.

Discussion: An informal survey of reported enemy attacks that occurred in the III Corps Tactical Zone during December 1967 and January 1968 revealed significant trends in the enemy's conduct of mortar attacks. The enemy concentrates his attacks on Fire Support Patrol Bases, base camps and air strips. Most of the attacks occur during meal hours and at night prior to moonrise or after moonset. The enemy has shown a tendency to fire a short but intense volley of rounds on the target and then take cover to avoid Allied countermortar fires. When the fires have ceased, the enemy emerges and continues the mortar attack. The enemy reacts to friendly incursions into traditional enemy strongholds by shifting his mortar effort to that area. This tactic was clearly demonstrated after the implementation of Operation Yellowstone on 8 December 1967. Prior to the beginning of the operation, enemy mortar attacks were centered in the Song Be area. After the start of Operation Yellowstone, the enemy shifted his mortar effort against fire support bases in the Yellowstone Area of Operations.

Observation: The following actions should be taken to minimize the effectiveness of the enemy's mortar attacks:

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- a. Maintain maximum dispersion and protection during meal hours.
  - b. When receiving sporadic mortar attacks, fire countermortar fires intermittently.
  - c. Maintain maximum alertness just prior to moonrise and just after moonset.
  - d. Upon the occupation of a position, take immediate measures for protection against mortar attacks. As a minimum overhead cover should be available for every man before any troop rest is permitted.

5. (U) Logistics:

MAINTENANCE

Item: Maintenance Assistance Team.

Discussion: Difficulty has been encountered in maintaining Prescribed Load List (PLL) and The Army Equipment Record System (TAERS) forms at battery level. These two areas had been identified as problem areas during organizational and supply inspections. A maintenance assistance team has been organized under the S4. This team visited the batteries in their field locations and through an instruct and correct procedure, improved the maintenance records of Force Artillery Units.

Observation: A maintenance assistance team is an effective means of improving maintenance and maintenance procedures in subordinate units.

6. (U) Other: None.

SECTION II, PART 2 - RECOMMENDATIONS.

1. (U) Personnel: None.
2. (U) Operations: None.
3. (U) Training and Organization: None.
4. (U) Intelligence: None.
5. (U) Logistics:

REPAIR PARTS

Item: Repair parts for deadlined artillery weapons.

Discussion: Excessive delays continue to be experienced in obtaining repair parts for deadlined artillery weapons thereby causing extended periods of downtime. The delays result because of the inability to quickly determine the availability and location of repair parts in the supply system.

Recommendation: That continued effort be exerted at maintenance support and supply echelons to expedite locating and releasing required repair parts to using units.

6. (U) Other: None.



RAYMOND P. MURPHY  
Brigadier General, USA  
Commanding

- 11 Incl
1. Org of II FFORCEV ARTY
  2. Positioning of II FFORCEV ARTY
  3. Arty Coverage
  4. Missions
  5. Metro Coverage
  6. Survey Control
  7. II FFORCEV ARTY SOP
  8. II FFORCEV ARTY REG. 350-1
  9. II FFORCEV ARTY REG. 525-1
  10. II FFORCEV ARTY REG. 525-16
  11. II FFORCEV ARTY REG. 525-9

5  
AVFBC-RE-H (25 Feb 68) 1st Ind  
SUBJECT: Operational Report - Lessons Learned for Quarterly Period Ending  
31 January 1968. (RCS CSFOR-65) (UIC W-DHI-HS) (U)

DA, HQ II FFORCEV, APO San Francisco 96265 8 MAR 1968

THRU: Commanding General, US Army Vietnam, ATTN: AVHGC(DST), APO 96375

Commander, US Army Pacific, ATTN: GPOP-OT, APO 96558

TO: Assistant Chief of Staff for Force Development, Department of  
the Army, Washington, D.C. 20310

1. Subject report is forwarded.
2. This command has reviewed the attached ORLL of the II Field Force Vietnam Artillery and concurs with it.

FOR THE COMMANDER:

*E. M. McGRATH*

E. M. McGRATH  
CPT, AGC  
Asst AC

AVHGC-DST (25 Feb 68)

2d Ind

SUBJECT: Operational Report - Lessons Learned for Quarterly Period  
Ending 31 January 1968 (RCS CSFOR-65) (UIC W-DHI-HS) (U)

HEADQUARTERS, US ARMY VIETNAM, APO San Francisco 96375 10 MAR 1968

TO: Commander in Chief, United States Army, Pacific, ATTN: GPOP-DT,  
APO 96558

1. This headquarters has reviewed the Operational Report-Lessons Learned for the quarterly period ending 31 January 1968 from Headquarters, II Field Force Vietnam Artillery (DH1A) as indorsed.

2. Concur with report as indorsed. Report is considered adequate.

3. Correct UIC WDH1AA.

4. A copy of this indorsement will be furnished to the reporting unit through channels.

FOR THE COMMANDER:

  
C. S. NAKATSUKASA  
Captain, AGC  
Assistant Adjutant General

Copies furnished:  
HQ, II FFORCEV  
HQ, II FFORCEV ARTY

11  
GPOP-DT (25 Feb 68) 3d Ind (U)

SUBJECT: Operational Report for the Quarterly Period Ending 31 January  
1968 from HQ, II Fld Force Vn Arty (UIC: WDHLAA) (RCS CSFOR-65)

HQ, US Army, Pacific, APO San Francisco 96558 25 MAR 1968

TO: Assistant Chief of Staff for Force Development, Department of the  
Army, Washington, D. C. 20310

This headquarters has evaluated subject report and forwarding indorse-  
ments and concurs in the report as indorsed.

FOR THE COMMANDER IN CHIEF:



K. F. OSBOURN  
MAJ, AGC  
Asst AG

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## ORGANIZATION OF II FFORCEV ARTILLERY

1. The following units are attached to II, II FFORCEV Artillery:
  - a. Headquarters and Headquarters Battery, 8th Target Acquisition Battalion.
2. The following units are under the Operational Control of II FFORCEV Artillery:
  - a. 23d Artillery Group.
    - (1) 2d Battalion, 13th Artillery.
    - (2) 1st Battalion, 27th Artillery.
    - (3) 2d Battalion, 11th Artillery. (Btry B & C attached Americal Div)
    - (4) 6th Battalion, 27th Artillery.
    - (5) 2d Battalion, 32d Artillery.
  - b. 54th Artillery Group.
    - (1) 7th Battalion, 9th Artillery.
    - (2) 2d Battalion, 35th Artillery.
    - (3) 3d Battalion, 16th Artillery. (Presently attached Americal Div)
    - (4) 1st Battalion, 83d Artillery.
    - (5) 7th Battalion, 8th Artillery.
  - c. 5th Battalion (AW) (SP), 2d Artillery.
    - (1) Battery D (MG), 71st Artillery.
    - (2) Battery I (SIT), 29th Artillery.

# **UNIT**

LOCATION AS OF 31  
OCTOBER 67

HQB, II FORCESV ARMY  
HQB, 8th Bn, 25th ARTY (TAB)  
HQB, 234 ARTY GP  
2nd Bn, 13th ARTY (105mm)  
HQB, SVC, BTRY C, 1st Bn, 27th ARTY (155mm SP)  
BTRY A, 1st Bn, 27th ARTY  
BTRY B, 1st Bn, 27th ARTY  
HQB, SVC, BTRY C, 2nd Bn, 11th ARTY (155mm)  
HQB, SVC, 2nd Bn, 32d ARTY (8"/175mm SP)  
BTRY A, 2nd Bn, 32d ARTY  
BTRY B, 2nd Bn, 32d ARTY  
BTRY C, 2nd Bn, 32d ARTY  
HQB, SVC, 6th Bn, 27th ARTY (8"/175mm SP)  
BTRY A, 6th Bn, 27th ARTY  
BTRY B, 6th Bn, 27th ARTY  
BTRY C, 6th Bn, 27th ARTY  
HQB, 54th ARTY GP  
7th Bn, 9th ARTY (105mm)  
HQB, BTRY B, BTRY C, 2d Bn, 35th ARTY (155mm SP)  
BTRY A, 2d Bn, 35th ARTY

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DO NOT RECLASSIFY

LOCATION AS OF 31  
JANUARY 68

LONG BINH YT 051 111  
LONG BINH YT 053 112  
PHU LOI XT 867 162  
PHU LOI XT 847 152  
DAU TIENG XT 497 481  
PHU LOI XT 845 158  
TAY NINH XT 143 525  
BIEN HOA YT 026 149  
TAY NINH XT 174 513  
TAY NINH XT 160 524  
SOUI DA XT 338 578  
DAU TIENG XT 496 486  
QUAN LOI XT 809 903  
QUAN LOI XT 809 903  
PHUOC BINH YU 138 063  
LOC BINH XU 731 079  
XUAN LOC YT 460 090  
BANG CAT YT 169 995  
XUAN LOC YT 470 097  
HUI DAT YS 428 665

Positioning of II FORCESV ARMY  
Inclosure 2

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UNIT		LOCATION AS OF 31 OCTOBER 67		LOCATION AS OF 31 JANUARY 68	
HQB, SVC, Btry A, 1st Bn, 83d Arty (8"/175mm SP)		MUI DAT	YS 426 665	MUI DAT	YS 426 665
Btry B, 1st Bn, 83d Arty		HAM TAN	ZS 014 828	HAM TAN	ZS 014 828
Btry C, 1st Bn, 83d Arty		XUAN LOC	YT 462 082	XUAN LOC	YT 462 082
HQB, SVC, 7th Bn, 8th Arty (8"/175mm SP)		BIEN HOA	YT 025 154	BIEN HOA	YT 025 154
Btry A, 7th Bn, 8th Arty		BIEN HOA	YT 025 147	PHUOC VINH	AT 965 493
Btry B, 7th Bn, 8th Arty		BEN LUC	XS 637 766	BEN LUC	XS 637 766
Btry C, 7th Bn, 8th Arty		BIEN HOA	YT 025 147	BIEN HOA	YT 025 147
HQB, 5th Bn (AM) (SP), 2d Arty		LONG BINH	YT 128 114	LONG BINH	YT 128 114
Btry A, 5th Bn, 2d Arty		PHU LOI	AT 810 220	PHU LOI	AT 810 220
Btry B, 5th Bn, 2d Arty		CU CHI	AT 650 170	CU CHI	AT 650 170
Btry C, 5th Bn, 2d Arty		BEAR CAT	YT 160 000	BEAR CAT	YT 160 000
Btry D, 5th Bn, 2d Arty		TAY NINH	AT 160 510	TAY NINH	AT 160 510
Btry D (MG), 71st Arty		LONG BINH	YT 128 114	LONG BINH	YT 128 114
HQ Btry I (S&F), 29th Arty		LONG BINH	YT 128 114	LONG BINH	YT 128 114
1st Plt		PHU LOI	AT 810 220	PHU LOI	AT 810 220
2nd Plt		CU CHI	AT 650 170	CU CHI	AT 650 170
3d Plt		LONG BINH	YT 128 114	LONG BINH	YT 128 114

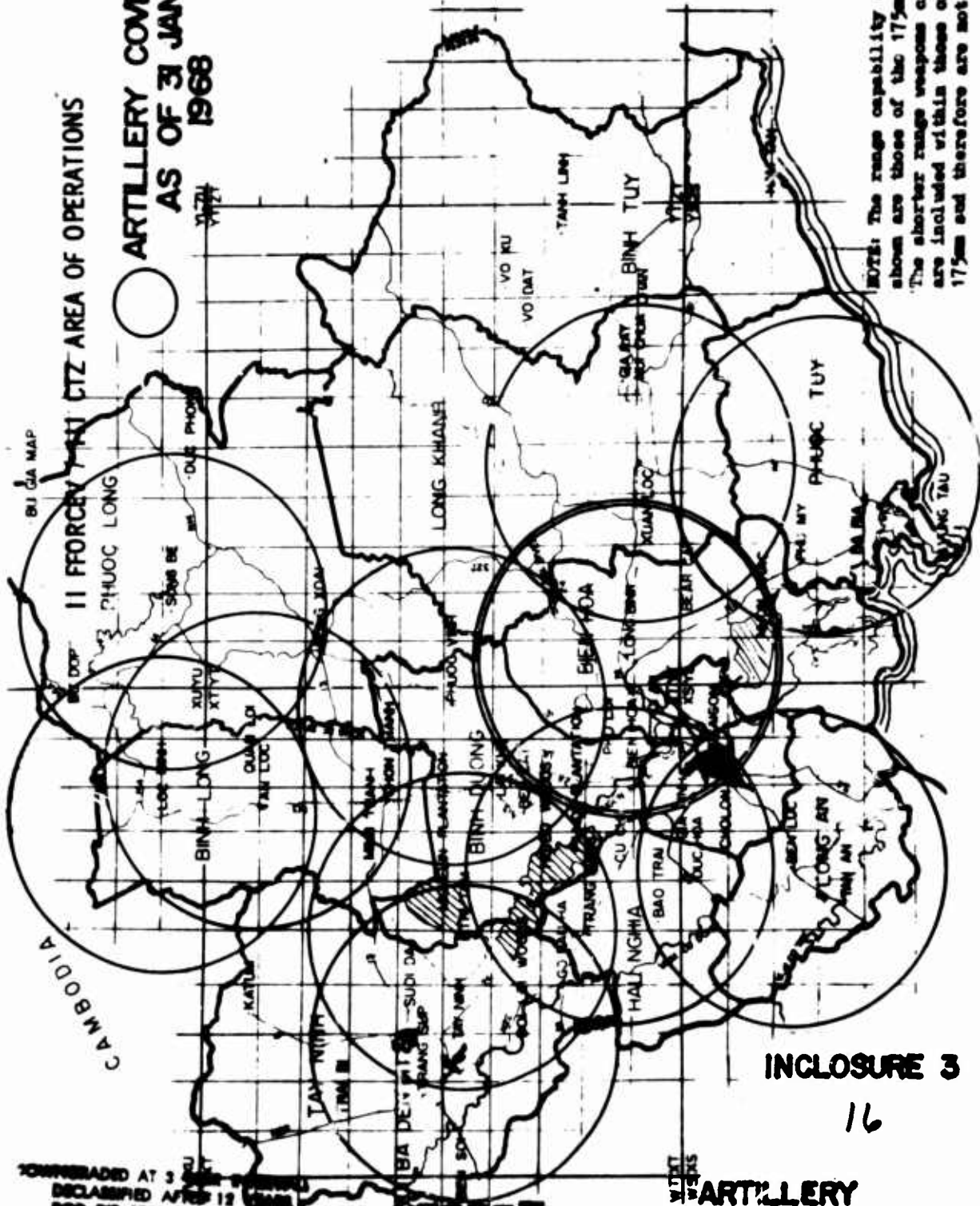
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# II FORCEVTZ AREA OF OPERATIONS

ARTILLERY COVERAGE  
AS OF 31 JANUARY  
1968

SECRET



NOTE: The range capability circles shown are those of the 175mm guns. The shorter range weapons circles are included within those of the 175mm and therefore are not shown.

INCLOSURE 3

16

DECLASSIFIED AT 3  
DECLASSIFIED AFTER 12  
DO NOT RECLASSIFY

SECRET

ARV62S-0876

ARTILLERY  
COVERAGE

# SECRET

## MISSIONS OF II FFORCEV ARTILLERY UNITS

1. 23d Artillery Group - General Support II FFORCEV and III ARVN Corps.
  - a. 2d Bn, 13th Arty - GS-Reinf 1st Infantry Division Artillery.
  - b. 2d Bn, 11th Arty - GS-II FFORCEV.
  - c. 1st Bn, 27th Arty - GS-Reinf 25th Infantry Division Artillery.  
Btry A - GS-Reinf 1st Infantry Division Artillery.
  - d. 6th Bn, 27th Arty - GS-Reinf 1st Infantry Division Artillery.
  - e. 2d Bn, 32d Arty - GS-Reinf 25th Infantry Division Artillery.
2. 54th Artillery Group - General Support II FFORCEV and III ARVN Corps.
  - a. 7th Bn, 9th Arty - GS-Reinf 9th Infantry Division Artillery.
  - b. 2d Bn, 35th Arty - GS.
    - (1) Btry A - GS-Reinf Royal Australian Artillery.
    - (2) Btry B - GS-Reinf 18th ARVN Division Artillery.
    - (3) Btry C - GS-Reinf 18th ARVN Division Artillery.
  - c. 3d Bn, 16th Arty - Attached Americal Division.
  - d. 1st Bn, 83d Arty - GS-Reinf Royal Australian Artillery.
    - (1) Btry A - GS-Reinf Royal Australian Artillery.
    - (2) Btry B - GS-Reinf 9th Infantry Division Artillery.
    - (3) Btry C - GS-Reinf 18th ARVN Division Artillery.
  - e. 7th Bn, 8th Arty - GS.
    - (1) Btry A - GS-Reinf 101st (abn) Division Artillery.
    - (2) Btry B - GS-Reinf 9th Infantry Division Artillery.
    - (3) Btry C - GS-Reinf 9th Infantry Division Artillery, priority of fires to Dong Nai Sensitive Area.
3. 5th Battalion (AW) (SP), 2d Artillery - General Support.  
Btry A - Attached 1st Infantry Division.  
Btry B - Attached 25th Infantry Division.  
Btry C - Attached 9th Infantry Division.  
Btry D - General Support.  
Btry E - 71st Arty (MG) General Support.  
Btry I - 29th Arty (SLT) General Support.

Inclosure 4  
Missions

17

CLASSIFIED AT 3 YEAR INTERVAL  
DECLASSIFIED AFTER 12 YEARS  
GDD DMR 222222

# SECRET

ARV685-0846

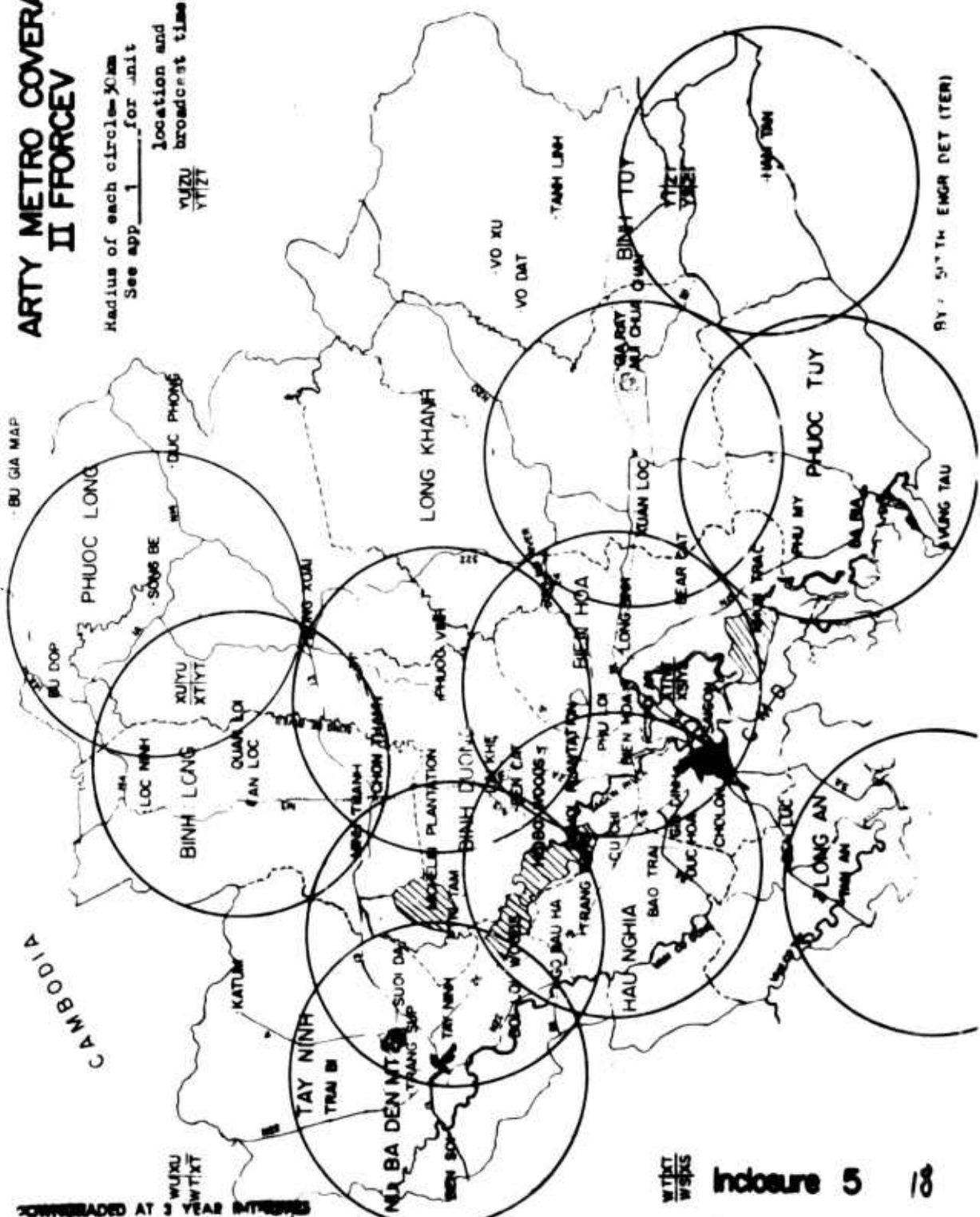
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# ARTY METRO COVERAGE II FORCE V

Radius of each circle = 30km  
See app 1 for unit

location and  
broadcast times  
VUZU  
VYIZ

BY: 51TH ENG REG (TER)



DECLASSIFIED AT 3 YEAR INTERVALS  
DECLASSIFIED AFTER 12 YEARS  
800 001 7300.10

CONFIDENTIAL

Inclosure 5 18  
METRO COVERAGE:

25  
**CONFIDENTIAL**

<u>UNIT</u>	<u>LOCATION</u>	<u>SCHEDULED NATO BROADCAST TIMES</u>
1. 1st Inf Div Arty	Quan Loi	0200-0800-1400-2000
2. 9th Inf Div Arty	Dong Tam	0200-0800-1400-2000
3. 25th Inf Div Arty	Cu Chi	0600-1200-1800-2400
4. 1st Bn, 27th Arty	Dau Tieng	0400-1000-1600-2200
5. 6th Bn, 27th Arty	Phouc Binh	0300-0900-1500-2100
6. 7th Bn, 8th Arty	Bien Hoa	0400-1000-1600-2200
7. 8th Bn, 25th Arty	Phouc Vinh	0430-1030-1630-2230
8. 8th Bn, 25th Arty	Ham Tan	0300-0900-1500-2100
9. 2nd Bn, 32nd Arty	Prek Klok	0030-0630-1230-1830
10. 2nd Bn, 35th Arty	Xuan Loc	0515-1115-1715-2315
11. 1st Bn, 83rd Arty	Nui Da:	0400-1000-1600-2200

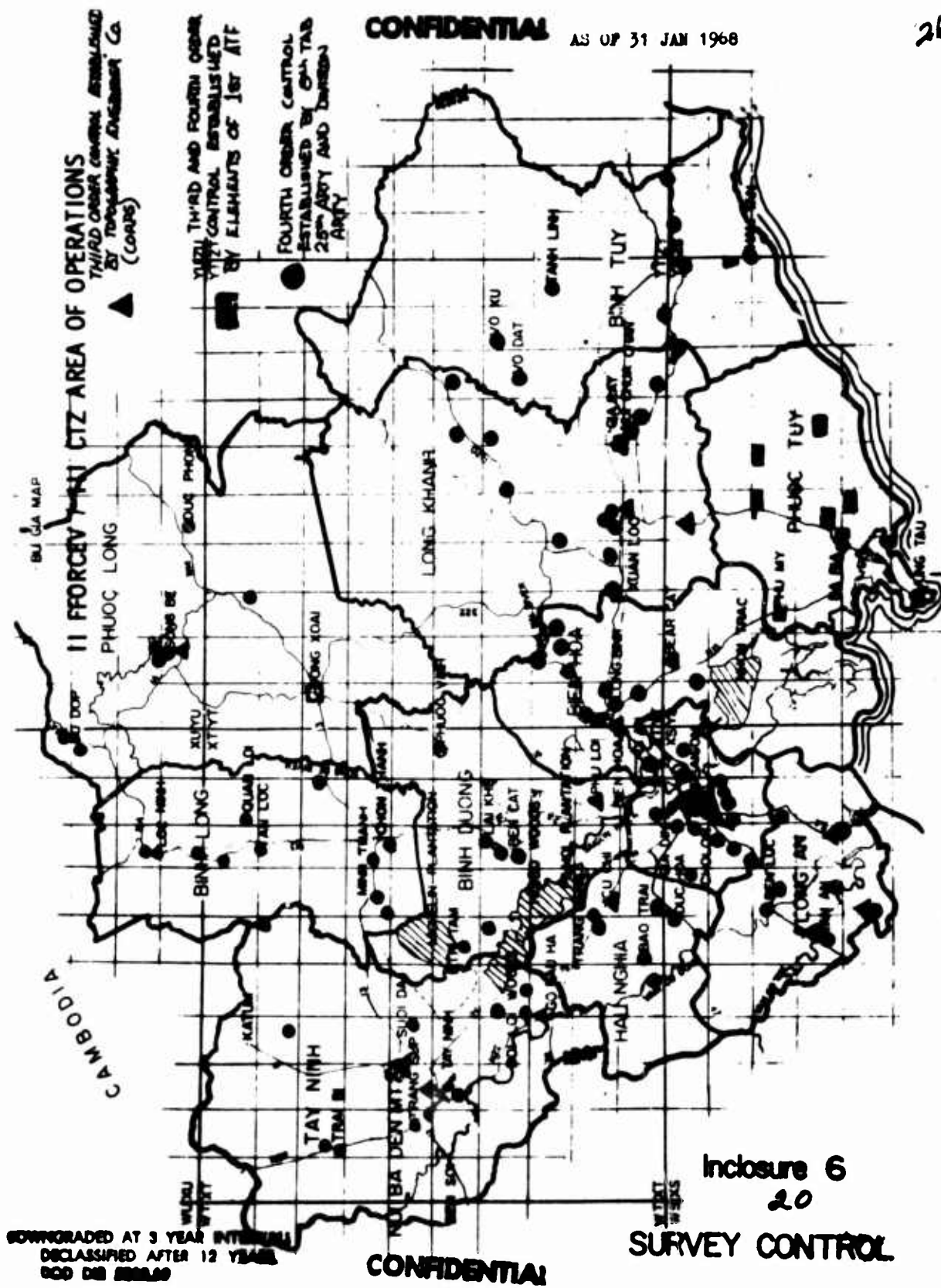
Computer metro broadcast times are 15 minutes prior to NATO broadcast times.

Appendix 1 to  
Inclosure 5

**CONFIDENTIAL**

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DOWNGRADED AT 3 YEAR INTERVALS  
DECLASSIFIED AFTER 12 YEARS  
DDC DR-00000



## II

# FIELD FORCE VIETNAM ARTILLERY



## TACTICAL STANDING OPERATING PROCEDURES



Incl 7

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DEPARTMENT OF THE ARMY  
HEADQUARTERS, II FIELD FORCE VIETNAM ARTILLERY  
APO San Francisco 96266

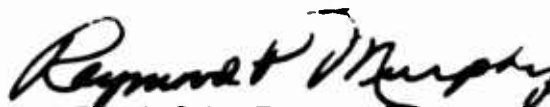
AVFB-FACG

21 JAN 1968

SUBJECT: II Field Force Vietnam Artillery Tactical Standing Operating  
Procedures (TAC SOP)

TO: SEE DISTRIBUTION

1. The II Field Force Vietnam Artillery Tactical Standing Operating Procedures (TAC SOP) provides guidance and operational concepts for II Field Force Artillery attachments, and where applicable, artillery with II Field Force.
2. The TAC SOP includes information which affects the security of the United States and must be safeguarded accordingly. This SOP may be reprinted in whole or in part.
3. Comments, recommendations, and suggestions for improvement are invited and may be submitted to this headquarters, ATTN: AVFB-FAC.

  
RAYMOND P. MURPHY  
Brigadier General, USA  
Commanding

DISTRIBUTION:

5-ea II FFORCEV ARTY GP  
7-ea II FFORCEV ARTY BN  
15-1st INF DIV ARTY  
15- 9th INF DIV ARTY  
15- 25th INF DIV ARTY  
15- 101st ABN DIV ARTY  
7-2d BN 40th ARTY  
2-G3 II FFORCEV  
12-HQ II FFORCEV ARTY

# **II FORCEV ARTY STANDING OPERATING PROCEDURES**

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**3-Request for Frequency (FM)**

**4-Request for Frequency (AM)**

**D....Reports to Field Force Vietnam Artillery**

**E....References to Field Force Vietnam Artillery SOP**

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**DEPARTMENT OF THE ARMY  
HEADQUARTERS II FIELD FORCE VIETNAM ARTILLERY  
APO San Francisco 96266**

**II FFORCEV ARTILLERY STANDING OPERATING PROCEDURES**

**Section I.**

**GENERAL**

**1. PURPOSE AND APPLICABILITY**

This SOP standardizes procedures for all units assigned, attached, or OPCON to II FFORCEV Arty. Subordinate and attached unit SOP's will conform. To facilitate operations and minimize errors, subordinate units of II FFORCEV Arty will comply with the provisions of this SOP. Artillery with II Field Force will continue to comply with the existing applicable procedures outlined in this SOP. Where applicable, detailed procedures for operations are contained in references cited in this SOP.

**2. CHANGES**

Changes to this SOP will be accomplished by substitution of pages, or if minor, by write-in instructions. Recommendations for changes to this SOP will be submitted through command channels.

**3. SUPERSESSION**

Except for classified plans and orders, this SOP supersedes all existing instructions conflicting with it.

**4. REFERENCES**

References used in the preparation of this SOP are shown in Annex E.

**Section II PERSONNEL AND ADMINISTRATION**

**5. ROTATIONAL HUMPS AND INFUSION**

New units will be infused during the first six months in VN so that no more than 25% of their personnel will depart in the seventh or any succeeding month up to the twelfth month. Additional infusion will be accomplished not later than the 12th month so that not more than 15% depart in any month. Caution will be used in infusing personnel to meet the stated percentage when that percentage contains a large number of key personnel. Infusion status report, see Annex D.

## 6. AWARDS AND DECORATIONS

a. Individual Awards. All recommendations will be submitted to the appropriate headquarters within time frames specified in existing regulations. Except as otherwise indicated, recommendations will be submitted on USARV Form 157-R to arrive in three copies. Criteria: AR 672-5-1, USARV Reg 672-1 and II FFORCEV Reg 672-1.

b. Unit Awards. Recommendations will be forwarded through Command channels IAW USARV Reg 672-3. Criteria: AR 672-1 and USARV 672-3.

## 7. PROMOTIONS

a. Enlisted Promotions. Enlisted promotions will be IAW AR 600-200 and II FFORCEV Reg 600-200.

b. Recommendations for Officer Promotion. Recommendations for promotion to CPT, 1LT and CW2 will be submitted by the appropriate commander/section chief to S1 NLT 20 days prior to date of eligibility for promotion. DA Form 78 will be used.

## 8. CASUALTY REPORTING

Casualty reports will be submitted to S1 telephonically not later than 0700 hours daily, using standard USARV Form 130-R. Negative reports are not required. This does not relieve units of reporting procedures as required by USARV Reg 600-1.

## 9. PERSONAL EFFECTS OF DECEASED PERSONNEL

Personal effects of deceased personnel will be processed IAW USARV Reg 643-55 and turned in to the nearest graves registration collection point. II FFORCEV Artillery units in the LONG BINH area will turn personal effects in at 93d Evacuation Hospital.

## 10. PRISONERS OF WAR (MACV Directive 381-11, 4 May 1967)

a. Categories of PW's. The following persons shall be considered Prisoners of War:

(1) Any captive member of the North Vietnamese Armed Forces or Main Force Viet Cong, whether captured in combat or not.

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### 13. REST AND RECUPERATION

Rest and Recuperation (R & R) will be as outlined in II FFORCEV R 28-5 and/or USARV Reg 28-5.

### 14. UNIT MAIL SERVICE

Commanders will establish unit mail service IAW AR 65-75 and USARV Reg 65-75

### 15. REPLACEMENTS

All officer and enlisted requisitions will be submitted by AG, II FFORCEV for HHB II FFORCEV Arty, HHB 8th Bn 25th Arty and 5th Bn 2d Arty. Artillery groups submit requisitions direct to AG, USARV.

### 16. REPORTS

See Annex D, Reports.

## Section III, INTELLIGENCE

### 17. TARGET INTELLIGENCE

a. General The S2 will coordinate the collection, processing, and dissemination of all information pertaining to potential or actual targets. He will direct the intelligence effort of artillery agencies and maintain liaison with higher, lower, and adjacent units to exchange information.

b. Sources. All sources of intelligence will be searched to determine the grid locations of "Hard Targets" such as base camps, bunkers, and fortified areas. Special emphasis will be placed on obtaining intelligence and probable enemy rocket launching sites and assembly areas as well as the associated routes of approach and withdrawal in the vicinity of base camps within III CTZ.

c. Reporting and Correlation. Hard target information will be reported to higher, lower, and adjacent commands, and will be plotted and correlated with data from other sources. Targets will be selected for attack on a priority basis.

d. Captured Personnel and Material. All captured personnel or equipment will be passed expeditiously to the nearest US intelligence personnel for exploitation. This will include ralliers. All information concerning the date, place, and circumstances of capture will be forwarded.

(2) Persons who are captured while actually engaging in combat or conducting a belligerent act (other than an act of terrorism, sabotage or espionage) against the Republic of Vietnam, Free World Military Assistance Forces, or United States Forces.

(3) Persons detained as suspects who are later shown to fall in categories (1) and (2) above.

b. Custody of PW's. All US military personnel who tasks or have custody of a Prisoner of War will consider each person in their custody to be a PW until it has been determined otherwise by competent authority.

c. Treatment of PW's. US military personnel will insure that PW's are treated humanely. PW's will be rapidly evacuated to the nearest PW Collecting Point for processing.

## 11. DISCIPLINE, LAW AND ORDER

a. Military Justice. Administer IAW II FFORCEV Reg 27-2. SJS will provide assistance. Personnel pending charges or trial will normally remain on duty with the unit except in cases where physical restraint is necessary to assure their presence for trial or for individuals charged with serious offenses such as murder, rape, and robbery. The Staff Judge Advocate (SJA) must approve pretrial restraint in the USARV Stockade.

b. Claims. Claims against the United States which arise from the activities of II FFORCEV Artillery units under the operational control of II FFORCEV Arty will be processed IAW pertinent Army Regulations, MACV Directives 25-1, 25-2, and 25-3 and USARV Reg 27-20.

c. Legal Assistance. Personnel with legal problems may obtain assistance at the nearest SJA office.

d. Provost Marshal Activities. Units will report crimes and serious incidents IAW USARV Reg 335-6 and II FFORCEV Reg 335-6. Retention and registration of war trophies will be IAW USARV Reg 643-20. Off limits areas will be as designated by II FFORCEV Provost Marshal.

## 12. LEAVES AND PASSES

See USARV Reg 630-1

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e. Escape and Evasion. Escapees and evaders that are recovered by II FFORCEV Artillery units will be passed into US intelligence channels immediately.

## 18. COUNTER MORTAR - COUNTER ROCKET OPERATIONS

a. Status. Status is active unless otherwise announced. Hostile mortars/rockets will be attacked as soon as target information is sufficient to permit accurate fires. In the event hostile mortar/rocket locations cannot be immediately determined; preplanned counter-mortar/rockets will be fired within five (5) minutes after initiation of attack.

b. Preplanned Targets. Preplanned countermortar programs for each base camp will be prepared to be fired on call. Prior firing clearance will be obtained whenever possible.

c. Criteria. Criteria for confirmed and suspect mortar/rocket locations for each base camp will be published and updated periodically.

d. Responsibility. Force Artillery S2 will maintain the counter-mortar/rocket records as prescribed by current directives.

e. Reporting. All countermortar information (to include locations in adjacent divisions' zones) will be reported to Force Artillery S2. Subsequent to mortar or rocket attack upon a base camp or air base, SHELLREP information will be obtained as soon as possible and will be forwarded to HQ II FFORCEV Arty.

## 19. RECONNAISSANCE AND OBSERVATION

### a. Tactical Air Reconnaissance.

(1) Requests for TAC Air Recon missions will be submitted to this Headquarters IAW II FFORCEV Reg No 95-1, dtd 24 Oct 67.

(2) II FFORCEV Form 220-R, dtd 24 Oct 67 will be completed IAW II FFORCEV Reg No 95-1, dtd 24 Oct 67.

### b. Visual Reconnaissance.

(1) II FFORCEV Artillery S2 will assign areas of VR responsibility.



(2) Units will conduct daily pre-flight briefing and flight debriefings of aerial observers.

(3) Observers and pilots will report enemy activity to the Artillery Groups, which will in turn pass the information to this headquarters. Routine information will be included in the daily VR report. Unusual sightings will be forwarded to this headquarters as expeditiously as possible.

c. Ground Observations.

(1) Direct support units will coordinate coverage with adjacent units.

(2) Reinforcing units will observe as required by reinforced unit.

(3) II FFORCEV Artillery general support units will observe as directed by II FFORCEV Artillery.

## 20. SURVEY

a. General. The HHB, 8th Target Acquisition Battalion, 25th Artillery, will provide common survey control for all II FFORCEV Artillery units. The Survey Information Center will be established in the vicinity of II FFORCEV Artillery Headquarters. Files will be maintained of all existing fourth order or higher survey control in the III Corps Tactical Zone, and for the tie-in points in adjacent areas. Trig lists will be prepared and distributed periodically. The SIC will maintain an operations map showing all existing survey control points in the zone. Coordination with Force topographical engineer unit will be made to insure a complete exchange of all survey data.

b. Starting Control. Map inspection or assumed data will be used by units until common control is established. Direction will be determined by astronomic observations or by gyro azimuth.

c. Requests for assistance. Requests for survey control or assistance by assigned or attached units will be directed to the S2, II FFORCEV Artillery.

## 21. SECURITY OF INFORMATION AND DOCUMENTS

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a. Security of Information.

(1) Conferences, briefings and discussions which include classified defense information will be conducted in the most secure facilities available.

(2) All personnel possessing a security clearance will be briefed at least semi-annually on AR 380-5 and other pertinent security regulations.

(3) The articles of the Code of Conduct will be brought to the attention of each soldier.

(4) Report all pertinent details of unauthorized disclosure of classified information to S2, II FFORCEV Artillery.

(5) The Security Control Officer and Crypto Security Officer will be notified immediately of breaches of crypto security. Notification will also be made through this headquarters to Crypto Security Officer of HQ USARV and HQ MACV as soon as possible.

(6) Couriers will possess a security clearance equal to or higher than the material which is being carried. Documents will be received for only by use of authorized receipts by properly cleared personnel.

b. Security of Documents and Materials. Applicable regulations pertaining to security of documents and materials will be strictly adhered to.

22. COUNTER INTELLIGENCE

a. General. All units will take appropriate measures to deny the enemy information of their activities, locations, and disposition. All units will be alert constantly to the counterintelligence aspects of their operations and will effect maximum security measures appropriate to the situation.

b. Subversion and Espionage Directed Against US Army (SAEDA) Reports. Report incidents involving dissemination of anti-US propaganda and rumors concerning military operations to Force Artillery S2. Units will report incidents of sabotage or suspected sabotage to nearest security personnel and to S2, II FFORCEV Artillery, by the most expeditious means available. To the extent possible, all reports will answer the following questions concerning the incident: "What, where, who, when, in what strength, and extent of damage". "Extent of Damage" will not be sent in the clear.

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c. Sign & Countersign. Sign and countersign system will be utilized to establish identity of friendly elements or persons, particularly during darkness or during periods of reduced visibility.

d. Screening of unit areas. Command posts and key facility areas will be screened prior to and after being occupied. Subsequent to displacement, areas will be searched to determine if classified material or other items which could identify the units or reveal information of value to the enemy have been left behind.

## 23. MAPS

a. Responsibility. II FFORCEV Arty S2 has staff supervision over distribution and storage of maps within Headquarters, II FFORCEV Arty.

b. Stockage. An adequate stock of maps for planning and for immediate tactical requirements will be maintained.

c. Requests. Requests for maps will be processed by the S2 and may be submitted in person, by phone, or by written DF. Format for map requests should include map scale, sheet number, and quantity desired. Requests for maps will be handled at any time.

## 24. REPORTS

See Annex D, Reports.

## Section IV. OPERATIONS

## 25. ARTILLERY GUNNERY

### a. Fire Direction.

(1) When practicable, technical firing data will be primarily computed by the FADAC or by using a surveyed firing chart, scale 1:25,000. Tactical Fire Direction will be exercised on a 1:50,000 scale battle map or map substitute. All firing charts will have the 6400 mil capability.

(2) Limiting data will be obtained from all artillery headquarters controlling the area or areas within fire capabilities of the fire unit. This includes both US and ARVN artillery headquarters, and coordination and liaison visits will be accomplished by all units to insure that the limiting data is received and continually updated. Limiting data will include as a minimum:

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(a) No Fire Zones.

(b) Villages and Hamlets.

(c) ARVN installations, RF/PF outposts and base camps.

(d) 1000 meter Buffer Zones.

(3) All limiting data will be posted on both the primary firing chart and the check chart. Commanders will insure that both charts are continually updated and kept current.

(4) Registrations will be conducted as soon as possible after occupation. Any restrictions on registrations by this headquarters will be acknowledged.

(5) Fire for effect missions will be fired with the best data available, (i. e., applicable MET, VE, base piece displacements, and deflection corrections applied).

(6) Artillery Groups and Artillery with the Force, not having organic artillery calibration capability, will request support through II Field Force Artillery (S3 Operations).

b. Artillery Safe Fire Procedures.

Responsibilities: Commanders will:

(1) Publish SOP's appropriate to the level of command detailing the procedures to be followed within the command to insure that fires delivered by indirect fire weapons are accurate, timely, and safe.

(2) Institute continuing programs to train all personnel involved in the conduct of fire to a high level of proficiency.

(3) Designate a responsible individual at each firing battery to observe for friendly aircraft during firing. This individual will have no other duty. The observer will be positioned so that he has the best unobstructed view of the battery front, and will have land line communications to the battery executive officer's post. Check Fire will be called anytime friendly aircraft approach the danger area.

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(4) Insure that units operating in close proximity to or within populated areas have a competent interpreter available to assist in informing the civil populace of necessary information, questioning of personnel, or other actions incident to the operation.

c. Accident/Incident Report. See II FFV Reg 335-5, dtd \_\_\_ Jan 1968

## 26. METEOROLOGY

a. General. The ballistic metro message (NATO) will normally consist of 11 lines. The Computer Metro message for FADAC will consist of 16 lines. Units requiring higher line numbers than listed above will submit their request to S3, II FFORCEV Artillery.

b. Broadcast Schedules. Metro messages normally will be broadcast four times daily. The metro message will be transmitted using both AM radio and radioteletype whenever possible. Broadcast schedules will not be changed without the approval of S3, II FFORCEV Artillery. Broadcast schedule will be distributed separately and as changes occur.

## 27. FIRE PLANNING

a. Fire Support Annex. The II FFORCEV fire support annex will be prepared by the FSCE in close coordination with the II FFORCEV Artillery S3.

b. Artillery Fire Support (Appendix). The Artillery Fire Support Appendix will be prepared by the II FFORCEV Artillery S3. Artillery Fire planning is continuous and is initiated at the lowest practical echelon. Additions, deletions and changes will be submitted expeditiously through fire support planning channels.

c. Request for Artillery Support. Request for Artillery support from II FFORCEV Arty will be transmitted to CG II FFORCEV, ATTN: FSCE, and will include information shown below:

- (1) Type and quantity artillery requested.
- (2) Mission.
- (3) Length of time required.
- (4) Plan for positioning.

45  
(5) Security to be provided in position area and during movement.

(6) Brief concept of operation to include maneuver forces to be employed.

d. Additional Fires. Requests to II FFORCEV Artillery for additional fires will include the following:

- (1) Target designation.
- (2) Location (to nearest 10 meters)
- (3) Altitude.
- (4) Description of target.
- (5) Number and type rounds requested.

e. Uniform Target Designation System. See II FFORCEV Reg 525-1, dtd 7 Dec 67.

f. Emergency Massed Fires. Code words for "All Available" type fire missions and "Time on Target" fire missions will be published in II FFORCEV Arty SOL

## 28. ORGANIZATION

a. Reorganization and Deployment by Platoon. Light and medium artillery battalions will be prepared to form a fourth four gun firing battery. Artillery units will be prepared to deploy by platoons and sections if required.

b. Preparation and Defense of Position Areas.

(1) Construction of emplacements will begin immediately after the unit is laid and ready to fire.

(2) Fortifications will be completed on a priority basis: 1st Priority-Personnel, 2d Priority-Ammunition and Artillery.

(3) Overhead cover for crew shelters, ammunition shelters and machine gun or automatic weapons positions, to include the M55 and M42, will be constructed of sufficient strength and thickness to assure adequate

protection against enemy mortar and recoilless rifle attacks.

(4) Proper drainage is required for all fortifications and shelters.

(5) All available weapons will be assigned sectors in Final Protective Fires.

(6) Range cards will be prepared for howitzers and all automatic weapons.

(7) Barbedwire, trip flares, warning devices and claymore mines will be included in the defense plans.

(8) A plan for firing beehive ammunition will be developed and coordinated with all other security elements assisting in the defense of the position.

(9) Coordinate mutual fire support with all artillery units within range of position area.

(10) The defense plan will be thoroughly rehearsed and coordinated with all supporting security forces.

(11) Improvement will continue throughout the time the position is occupied.

## 29. TACTICS

a. Movement of Artillery Units. Artillery Groups will submit to II FFORCEV Artillery ATTN: S3, reports of each move; Division and Separate Brigade FSCE's report unit moves to II FFORCEV FSCE.

(1) Prior to Movement Reports:

(a) Unit being moved.

(b) Time expected to move.

(c) Location moving from and destination.

(d) Route and expected time required to move.

(e) Security to be provided.

(f) Time actually cleared position.

(2) After Movement Report

(a) Time closed new position.

(b) Accidents or incidents enroute and synopsis of accident or incident.

(c) Enemy activity encountered, if any.

b. Location of Supported Units. Locations of maneuver elements will be reported by artillery units at all echelons to the next higher headquarters. Artillery Liaison Officers at all echelons will keep their headquarters informed of current friendly dispositions or locations of contact.

c. Artillery SITREPS. See ANNEX A, Artillery SITREPS.

d. Tactical Fires.

(1) Units will answer calls for fire according to the priorities established by the standard artillery mission assigned, or as modified to accommodate a special situation.

(2) Fires in support of RF/PF outposts and other isolated installations will be as follows:

(a) Defensive fires requested by installation or RF/PF outposts.

(b) Upon request to terminate artillery fires or upon termination of an attack, shift fires to likely avenues of withdrawal, and suspected base camp of attacking force.

e. H & I Fires.

(1) H & I Fires will be planned at all levels as outlined in II FFORCEV Regulation 525-10, dated 22 July 1967.

(2) The type of ammunition and fuse action fired will be mixed and the volume of fire varied.

(3) Areas recently evacuated by friendly forces will be attacked on an irregular basis as soon as possible following evacuation.

(4) H & I fires normally will be based on hard intelligence.



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**f. Field Artillery Searchlight Battery**

(1) The platoons of a searchlight battery are normally attached or placed direct support of Divisions or Separate Brigade. Elements for the platoon may be further attached to subordinate units as required. The searchlight section (two lights) is the smallest element which should operate for extended periods, separately from the platoon or battery.

(2) The primary mission of searchlights will be on perimeter defense as a target acquisition device.

(a) Searchlights are complementary to direct fire weapons and will be employed in conjunction with such weapons as the twin 40mm gun, or quad .50 machine gun.

(b) The infrared mode of operation will be used for normal night time surveillance.

**g. Airmobile operations.**

(1) To exploit to the fullest the capability of light artillery, II FFORCEV 105mm Artillery Battalions will develop the ability to airmobile small artillery forces (2 - 4 guns) on short notice for independent operations of limited duration. All forces required, less aviation, will be provided from organic assets.

(2) Instructions for implementing the above concept are contained in II FFORCEV Artillery LOI 2-67 dated 25 June 1967, subject, Airmobile Operations

**h. Artillery Raids**

(1) An artillery raid is the rapid displacement of an artillery firing unit to a temporary position area for the purpose of engaging targets that cannot be effectively attacked from the firing units primary positions.

(2) Intelligence sources have clearly shown that the enemy concentrates supply caches and base camps beyond the range capabilities of the 8" Howitzer and the Zone II range of the 175mm gun. It is required, therefore, that heavy units maintain the capability to displace with platoon or battery size elements to a position where targets can be engaged.

(3) In planning for artillery raids, consideration must be given to the following:

- (a) Frequent displacement of a heavy battery/platoon to relatively secure position areas on a rotational basis.
- (b) Use of most current target data available.
- (c) Provisions for adequate security of the route and the position area.
- (d) Air observation to exploit fires.
- (e) Consideration of tube wear, tube replacement criteria, ASR, and normal clearance procedures.
- (f) Coordination with interested headquarters.

i. Army Aviation.

(1) Aerial Surveillance:

- (a) The S2 will coordinate the use of organic and attached Army aircraft on surveillance and observation missions.
- (b) Only essential SOI items will be carried on aircraft.

(2) Aviation Support for Airmobile Operations. S3, II FFORCEV Artillery will provide assistance in obtaining aviation support for airmobile operations. Requests will follow the format of II FFORCEV Form 11 and may be submitted by telephone or message not later than 72 hours prior to desired date of the move.

(3) Aerial Resupply. See Section VI, Para 43, Transportation.

j. Defense Against Chemical, Biological and Radiological Attack.

(1) See ANNEX F, II FFORCEV Tactical SOP for policies, procedures and responsibilities for the preparedness of all elements to operate under chemical, biological, and radiological attack.

(2) Unit commanders will insure that unit CBR equipment is maintained in a high state of material readiness.

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k. Special Ammunition (Beehive). II FFORCEV Circular 525-1, 10 Aug 67 with Change 1, dated 28 Sep 67 provides guidance and implementing instructions for handling, storage and employment of 105mm Beehive Ammunition XM 546.

### 30. ARTILLERY TRAINING

a. General. Training will be based on the principles and policies outlined in AR 350-1 and appropriate ATP's with emphasis on lessons learned in Vietnam as published by DA, Headquarters MACV, USARV and subordinate commands.

b. Required Training. Transition training, quarterly refresher training, mandatory training and unit proficiency training will be conducted in accordance with USARV Regulation 350-1 and II FFORCEV Circular 350-2.

### 31. ASSISTANCE TO ARVN

US Artillery will support ARVN within their operational capabilities.

a. Assistance to ARVN Artillery.

(1) Mutual Fire Support. II FFORCEV Artillery units will coordinate fire support with ARVN Artillery through Sector/Subsector and ARVN Division Artillery.

(2) Survey Control. Units will assist in establishing target and position area survey. S2, II FFORCEV Arty is responsible for monitoring this program and providing assistance when requested.

b. RF/PF

(1) Fire Support. US Artillery will answer calls for fire after receiving US and ARVN clearance.

(2) Fire Support Planning. Assistance will be provided through Sector/Subsector.

(3) Artillery Adjustment Training. The purpose of this training is to teach RF/PF personnel artillery adjustment procedures. Artillery Groups and Division Artilleries will coordinate training through Sector/Subsector Headquarters.

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(4) Survey Control. S2, II FFORCEV Artillery is responsible for establishing survey control at RF/PF outposts. Priority will be defensive targets for outposts protecting villages and hamlets which have Revolutionary Development Cadres.

**c. Special Forces/CIDG**

(1) Fire Support. Communications and liaison will be established when requested in order to answer calls for fire from SF/CIDG camps or units conducting operations.

(2) Survey Control. S2, II FFORCEV Artillery will coordinate survey requirements for SF/CIDG camps with Company A, 5th Special Forces Group.

(3) Observers. Forward observers will be provided for SF/CIDG operations when requested.

**32. LIAISON**

a. General. Headquarters, II FFORCEV Artillery, Artillery Group Headquarters and Battalions will establish liaison to accomplish the following tasks:

(1) Artillery liaison in accordance with the mission (FM6-20-2).

(2) Intelligence liaison with ARVN division, sectors and sub-sectors for the purpose of locating targets to be attacked in the H & I program. This task includes liaison with Province, District, Village and Hamlet officials.

(3) Assistance liaison with ARVN units, RF/PF units, and SF/CIDG units to improve their effectiveness and to provide artillery fires when needed.

**33. REPORTS.**

See ANNEX D, Reports.

**Section V FIRE SUPPORT COORDINATION**

**34. GENERAL**

a. The Commanding General, II FFORCEV Artillery is the Fire Support Coordinator (FSCOORD) for the Force. The Assistant Fire Support Coordinator (AFSCOORD) represents the CG at the II FFORCEV TOC and supervises the FSCE.

b. Details of Fire Support Coordination are contained in ANNEX G to II FFORCEV Tactical SOP.

### 35. ORGANIZATION FOR COMBAT

Tactical missions will be assigned to field artillery units in accordance with FM 6-20-1, Field Artillery Tactics, and to Air Defense Artillery units in accordance with FM 44-2, ADA Employment (AW).

### 36. BATTLEFIELD ILLUMINATION (Searchlights)

a. Illumination requests will be made through fire support coordination channels and will include the following information:

- (1) Date illumination is required.
- (2) Purpose.
- (3) Time and duration illumination required.
- (4) Grid of the points or areas to be illuminated.
- (5) Type of beam required.
- (6) Method of control.

b. Battlefield illumination will be planned and coordinated with the use of infrared equipment in such a way that:

- (1) No damage will be caused to the infrared equipment by exposure to direct intense white light.
- (2) Battlefield illumination will be avoided or reduced to an absolute minimum when infrared operations are in progress.
- (3) A rapid change from infrared to visible light or vice versa, can be performed.

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### 37. NAVAL GUNFIRE SUPPORT

a. Requests for Naval Gunfire Support will be forwarded through the FSCE to the Naval Gunfire Liaison Officer (NGLO) III Corps or one of the Naval Gunfire Spot Teams.

b. Refer to APPENDIX 1, ANNEX G, II FFORCEV Tactical SOP for other information on Naval Gunfire Support.

c. Naval Gunfire will be cleared in accordance with II FFORCEV Regulation 525-9.

d. Air warning information for NCF will be submitted in accordance with II FFORCEV Regulation 385-2.

### 38. CLOSE AIR SUPPORT

Policies and procedures for use of close air support are covered in II FFORCEV Regulation 525-17.

### 39. REQUESTS FOR STRATEGIC AIR STRIKES

Requests will include information on target description and justification as specified in II FFORCEV Regulation 525-15.

## Section VI, LOGISTICS

### 40. GENERAL

The following Standing Operating Procedures (SOP) prescribe policies and procedures to standardize logistical support within II Field Force Vietnam Artillery. The S4 coordinates and expedites logistical matters for units assigned, attached, and OPCON to II FFORCEV Artillery.

### 41. SUPPLY

The S4, this headquarters, will be notified by the most expeditious means of any equipment shortage or service support deficiency which adversely affects the accomplishment of an assigned mission.

### 42. MAINTENANCE

a. Command Maintenance Program.

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(1) The objective of the Command Maintenance Program is to insure that equipment operates properly in order to accomplish the mission with minimum casualties to friendly troops.

(2) Unit commanders will establish a maintenance program which will include but not be limited to the following:

(a) A trained operator will be assigned to each piece of equipment.

(b) Scheduled maintenance will be supervised by the entire chain of command.

(c) All wheeled and tracked vehicles will be operated for a cumulative distance of at least six miles each week.

(d) Machine gun, 50 caliber, and M60 will be test fired weekly using a minimum of 20 rounds for each weapon. Units will insure that all firing is accomplished under safe conditions.

b. Deadline Reports.

(1) An artillery deadline report will be telephoned to the S4, II FFORCEV Artillery, not later than 1530 hours daily, indicating the status of artillery weapons as of 1300 hours. This report will be submitted by the 23d Artillery Group and the 54th Artillery Group. The 5th Battalion, 2d Artillery will make a similar report on the status of its weapons. II FFORCEV Artillery Forms 57, 58, and 59, Appendices 1 and 2 to ANNEX B will be used.

(2) A weekly command deadline report will be forwarded to this headquarters, ATTN: AVFB-FAD, so as to arrive not later than 1500 hours each Saturday. The report will be submitted by the Arty Gps and the 5/2d Arty using II FFORCEV Form 87, (Appendix 3 to ANNEX B), and will indicate the status of equipment as of 1200 hours.

43. TRANSPORTATION

a. Special Mission Airlift Request.

(1) Definitions. MACV priority designators for airlift are defined as follows:

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(a) **Combat Essential (CE).** This priority is reserved for the unplanned movements of units, primary weapons or equipment, and supplies essential to operational mission accomplishment.

(b) **Priority 1 - Movement of units primary weapons or equipment and supplies essential to operational mission accomplishment.**

(2) Requests for air transportation for cargo or passengers will be submitted to S4, II FFORCEV Artillery. Requests may be submitted by telephone (Plantation 5506/5786). All requests submitted by telephone will be followed up by a message giving the information required by II FFORCEV Form 30.

(3) Air requests will be accepted from the Artillery Groups and 5th Battalion, 2d Artillery. The Group Commander (Battalion Commander, 5th Bn, 2d Arty) will approve Combat Essential Air requests.

(4) The Transportation Management Agency requires a minimum of twelve hours lead time on Combat Essential missions, and seventy-two hours lead time on priority 1 missions.

(5) The contact person designated in II FFORCEV Form 30 as origin contact will coordinate with the Air Traffic Coordinating Officer (ATCO) and the Aerial Port Office as soon as possible after the air request is submitted. It is essential that the cargo be in port and ready to ship prior to the availability date on the air request.

(6) Mission numbers and cargo loading items will be given to the contact person at the point of origin by a representative from II FFORCEV G3 Air.

(7) The amount of cargo moved on an air request will be reported to this headquarters not later than 1630 hours the day that the cargo is flown. If cargo is flown after 1630 hours, the amount of cargo moved will be reported to this headquarters not later than 0800 hours the following day.

b. Transportation and Travel Directive. See MACV Directive 55-4 subject, Transportation and Travel Movement System in RVN, dtd 30 Oct 67.

#### 44. SUPPLIES

a. General. Supplies are provided by US Army Support Command,



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Saigon, for US units under operational control of this headquarters. Distribution and requisition procedures for supplies will be in accordance with Administrative Order 3-66, Headquarters, US Army Support Command, Saigon. Units under operational control of this headquarters will maintain all classes of supply at a level sufficient to accomplish their assigned mission.

b. Ammunition Storage. Excessive quantities of ammunition will not be stored by artillery units. Only that quantity of ammunition deemed necessary to successfully accomplish and support the artillery mission will be maintained on hand consistent with routine resupply procedures. Every effort will be made to adhere to ammunition storage quantity distances as prescribed in TM 9-1300-206 with Change 1. Ammunition stores at howitzer or gun sections are not covered by TM 9-1300-206 w/Ch 1, therefore judgement must be exercised in the storage of ammunition at artillery firing sections. Exceptions to the procedures as outlined in TM 9-1300-206 w/Ch 1 will be requested to this headquarters, ATTN: AVFB-FAD.

#### 45. AEROMEDICAL EVACUATION

See USARV Regulation 40-10 for procedures for utilization of aeromedical evacuation.

#### 46. CONVOY MOVEMENT

See ANNEX P (Motor Movements) II FFORCEV TAC SOP

a. Convoy Speed Limits.

(1) Trucks, 5-tons and below - lead vehicle 25 mph, other vehicles 30 mph.

(2) Trucks over 5 tons and tracked vehicles - lead vehicle 20 mph, others 25 mph.

(3) Convoy speed limits may be exceeded when convoy commanders consider it necessary for security.

b. Priorities. Combat vehicles have priority of movement over logistical and administrative vehicles not in a combat vehicle convoy.

c. Requests for Armed Escort. Requests for armed escort by combat support units will be submitted to S3, II FFORCEV Artillery.

#### 47. CAPTURED ENEMY MATERIAL

Captured material will be evacuated and reported in the next INTSUM subsequent to capture. Capture of weapons or significant items of material appearing in RVN for the first time, will be reported to S2, II FFORCEV Artillery by the most expeditious means. Different or unusual captured material will be reported immediately. Captured items will be tagged to show date, place of capture, capturing unit, circumstances surrounding capture, employment of the item, and other pertinent information.

#### 48. BATTLEFIELD RECOVERY OF EQUIPMENT

Damaged equipment will be recovered by the using unit. The Direct Support Maintenance Battalion will be notified if recovery is beyond the using units' capabilities. Equipment will not be destroyed except when necessary to prevent capture by the enemy. The destruction of equipment will be in accordance with instructions in the technical manual pertaining to the equipment.

#### 49. REPORTS

See ANNEX D, Reports.

### Section VII COMMUNICATIONS

#### 50. RESPONSIBILITIES

a. General. The II FFORCEV Artillery communications officer has staff responsibility for planning, installation, and operations of the II FFORCEV Artillery communications system. The communications officer has operational control over the HQ Btry, II FFORCEV Arty communications platoon.

b. Coordination. II FFORCEV Artillery will coordinate with the II FFORCEV Signal Battalion for attachment of radio terminal teams to major subordinate artillery organizations and to each division artillery when required.

c. Conformance. Communications will conform with II FFORCEV Artillery Standard Signal Instructions (SSI), Signal Operations Instructions (SOI), Signal Annexes to the II FFORCEV Operations Order, and this SOP.

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d. Maintenance of Communications. Commanders of units immediately subordinate to this headquarters will maintain continuous communications with this headquarters.

51. COMMUNICATIONS SECURITY

See ANNEX C, Communications.

52. CRYPTO SECURITY

See ANNEX C, Communications.

53. OPERATING PROCEDURES

See ANNEX C, Communications.

54. RADIO

See ANNEX C, Communications.

55. WIRE

See ANNEX C, Communications.

56. VHF CIRCUIT REQUIREMENTS

See ANNEX C, Communications.

57. FM FREQUENCY REQUIREMENTS

See ANNEX C, Communications

58. AM FREQUENCY REQUIREMENTS

See ANNEX C, Communications.

59. MAINTENANCE

See ANNEX C, Communications.

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Section VIII CIVIL AFFAIRS

GENERAL

HQ II FFORCEV Artillery will cooperate with civil authorities, agencies, or groups for the socio-economic well-being and improvement of the civil community with the objective of improving the image of the Vietnamese Government in the eyes of the people.

61. COORDINATION

a. Approval of Projects. Civic action projects will not be undertaken without the approval of the Provincial Committee which consists of the Province Chief, the MACV Sector Advisor, and the Civil Operations and Revolutionary Development Support Provincial Representatives.

b. Publicity. Projects undertaken will be given maximum publicity to publicize GVN leadership in rebuilding the nation. Publicity will be given to the Vietnamese efforts and the GVN officials concerned.

c. Ceremonies. For all major projects, a ceremony will be held at an appropriate time with GVN personnel officiating.

62. REPORTS

Monthly civic action reports required by USARV Regulation 515-1, 19 Oct 66 will be submitted to HQ, USARV, ATTN: AVHCA through HQ, II FFORCEV, ATTN: AVFB-RD in three copies NLT 9th day of each month for the preceeding month. Artillery Groups submit reports direct to HQ, USARV with an information copy to II FFORCEV Artillery.

## **ANNEX A (DAILY ARTILLERY SITREP) TO II FFORCEV ARTY SOP**

### **1. GENERAL**

An Artillery SITREP will be submitted to HQ II FFORCEV Arty and will cover the period 0001 to 2400.

### **2. UNITS TO REPORT**

The units listed below will submit the daily SITREP and will report data from subordinate units to the level indicated.

- a. CO, 23d Artillery Group - to battery level.
- b. CO, 54th Artillery Group - to battery level.
- c. CO, 5th Battalion, 2d Artillery - to battery level.
- d. CO, 1st Infantry Division Artillery - to battalion level.
- e. CO, 9th Infantry Division Artillery - to battalion level.
- f. CO, 25th Infantry Division Artillery - to battalion level.
- g. CO, 101st Airborne Division Artillery - to battalion level.
- h. CO, 11th Armored Cavalry Regiment - to battery level.
- i. CO, 2d Battalion, 40th Artillery - to battery level.

### **3. SITREP FORMAT**

The format for the daily SITREP will be as shown at Appendix 1 this ANNEX.

### **4. METHOD OF TRANSMISSION AND DUE DATE**

The SITREP will be dispatched by teletype message so as to arrive at HQ II FFORCEV Arty NLT 0600 hours daily.

### **5. DEFINITIONS**

The below listed definitions will be used by all units for reporting artillery fires in paragraph 3 of the daily SITREP.

a. Observed Fires. Fires for which the points of impact or burst can be seen by an observer and the fires can be adjusted on to a target. Preparations are not included in observed fires.

b. Unobserved Fires.

(1) General. Fire for which the points of impact or burst are not observed.

(2) Harassing Fire. Fire designed to disturb the rest of the enemy troops, to curtail movement and, by threat of losses, to lower morale.

(3) Interdiction Fire. Fire placed on an area or point to prevent the enemy from using the area or point.

c. Targets. Fires placed on known enemy locations, forces, or facilities as requested by maneuver forces or derived from intelligence sources but are not controlled by an observer. Target locations are clearly defined.

d. DARMA (Defense Against Rocket and Mortar Attack). Fires placed on known or suspected enemy rocket or mortar positions. The fire is delivered during actual rocket or mortar attacks. DARMA fires are intended to destroy or neutralize the positions.

e. Preparations. Intense prearranged fire delivered in accordance with a time schedule in support of an attack or assault, to disrupt enemy communications and to disorganize his defenses. Reconnaissance by fire is considered to be a preparation. Preparations start prior to, at, or after "H" hour and continue until lifted by prearranged signal or on request of the assault element.

f. ARVN All fires, regardless of type, requested by ARVN Forces. Fires delivered in support of ARVN are not reported under any other category, e. g., a unit fires 6 preparations for ARVN, the fires are reported only under ARVN not under ARVN and preparations.

g. Lost. Ammunition destroyed, lost, or abandoned as a result of enemy action. These losses may occur in transit, by loss of basic loads in destroyed vehicles, or in combat actions.

CONFIDENTIAL  
(when completed)

APPENDIX I (SITREP FORMAT) TO ANNEX A (DAILY ARTILLERY  
SITREP) TO II FFORCEV ARTY SOP

The Daily Artillery SITREP will be submitted in the following format:

ORIGINATING HEADQUARTERS

ARTILLERY SITREP (Period Covered-0001 - 2400)

1. (C) OPERATIONAL SUMMARY - The operational summary will include missions of subordinate units (DS, GS, CSR, Reinf), location of artillery units when away from base camp, and all unit moves during the reporting period.

2. (C) DEADLINE STATUS - Deadline status will list the number of pieces, by battery and caliber, that are deadlined and a brief explanation of the reason for the deadline. Also include the expected time the piece will be operational, if known.

3. (C) SUMMARY OF MISSIONS FIRED - Report artillery missions fired during the period as follows:

a. OBSERVED

<u>Unit</u>	<u>Nr of Missions*</u>	<u>105</u>	<u>155</u>	<u>8"</u>	<u>175</u>
Totals	-----	---	---	---	---

b. UNOBSERVED

(1) H & I

<u>Unit</u>	<u>Nr of Missions*</u>	<u>105</u>	<u>155</u>	<u>8"</u>	<u>175</u>
Totals	-----	---	---	---	---

(2) Targets

<u>Unit</u>	<u>Nr of Missions*</u>	<u>105</u>	<u>155</u>	<u>8"</u>	<u>175</u>
Totals	-----	---	---	---	---

28.

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CONFIDENTIAL

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CONFIDENTIAL  
(when completed)

(3) DARMA

<u>Unit</u>	<u>Nr of Missions*</u>	<u>105</u>	<u>155</u>	<u>8"</u>	<u>175</u>
Totals	-----	---	---	---	---

c. PREPARATIONS

<u>Unit</u>	<u>Nr of Missions*</u>	<u>105</u>	<u>155</u>	<u>8"</u>	<u>175</u>
Totals	-----	---	---	---	---

d. ARVN

<u>Unit</u>	<u>Nr of Missions*</u>	<u>105</u>	<u>155</u>	<u>8"</u>	<u>175</u>
Totals	-----	---	---	---	---

e. LOST

<u>Unit</u>	<u>Nr of Missions*</u>	<u>105</u>	<u>155</u>	<u>8"</u>	<u>175</u>
Totals	-----	---	---	---	---

4. (C) PLANS SUMMARY - Include all known or planned changes in missions and positions to include Artillery Raids.

5. (C) TARGET SURVEILLANCE - Report total number of observed missions fired during the reporting period and the total amount of damage or casualties reported by observers, e. g., 30 missions - 5 bunkers destroyed; 10 huts damaged; 5 VC KIA (BC).

6. (C) OTHER SIGNIFICANT INFORMATION - Include changes in operational status and any other significant information affecting a units' operations.

\* NOTE: Composite battalions (8"/155) and composite batteries



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(8"/175) must list the number of missions for each caliber in the reported unit, e. g., a composite 8"/155 Bn conducted a total of 10 missions and fired 50, 8" rounds and 85 155 rounds. The report should read under Nr of Missions: "8" - 3, 155 - 7" (total of 10 missions for the Bn).

## ANNEX B (FORMS FOR REPORTING DEADLINE STATUS) TO II FFV ARTY

### 1. PURPOSE

To establish the procedures for reporting deadline status of artillery howitzers, guns, and 40mm, quad .50, and searchlights.

### 2. GENERAL

Appendices 1-3 prescribe the specific procedures and instructions for reporting deadlined artillery and weapons.

a. 23d and 54th Artillery Group format for reporting deadlined artillery (Appendix 1).

b. 5th Bn, 2d Arty format for reporting deadlined weapons (Appendix 2).

c. II Field Force Command Deadline Report (Appendix 3).

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APPENDIX 1 (23D AND 54TH ARTILLERY GROUP FORMAT FOR REPORTING DEADLINED ARTILLERY) TO ANNEX B

1. PURPOSE

Units of 23d and 54th Artillery Groups will use II FFORCEV Artillery Form 57 and 58 as applicable to their units, for reporting deadlined artillery (TAB A).

2. INSTRUCTION

a. AUTHORIZED: Indicate the number of weapons authorized by battery and by caliber.

b. ON HAND: Indicate the number of weapons on hand by battery and by caliber.

c. DEADLINED: Indicate the number of weapons deadlined by battery and caliber.

d. USA NUMBER: Indicate USA number of deadlined item.

e. TUBE NUMBER: Indicate tube number of deadlined tube or tubes.

f. DATE DEADLINED IN THE UNIT: Indicate the date item was deadlined in the battery.

g. DATE DEADLINED AT DSU: Indicate the date the deadlined item was evacuated to DSU.

h. ETR: Indicate the date item expected to return to operational status.

i. REASON: Indicate the reason item is in deadline status.

j. REPORTING: This report will be submitted by telephone, not later than 1530 hours daily, with an as of time of 1300 hours.

UNITS REPORTING UNDER 23D ARTY GP  
 TAB A (REPORTING FORMAT) TO APPENDIX 1  
 (23d Arty Gp Format for Reporting Deadline Arty) to ANNEX B

Calendar Date \_\_\_\_\_  
 Julian Date \_\_\_\_\_

	AUTH	O/H	D/L	USA NUMBER	TUBE NUMBER	DATE D/L UNIT	DATE D/L DSU	ETR	REASON
2/13 105 mm	A 6	6							
	B 6	6							
	C 6	6							
1/27 155 mm	A 6	6							
	B 6	6							
	C 6	6							
2/32 8/175 mm	A 4	4							
	B 4	4							
	C 4	4							
6/27 8/175 mm	A 4	4							
	B 4	4							
	C 4	4							

U F FORCEV ARTY Form 57 (30 August 67) Previous edition of this form  
 is obsolete

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**TAB B (REPORT FORMAT) TO APPENDIX I  
54TH ARTY GP FORMAT FOR REPORTING  
DEADLINE ARTY) TO ANNEX B**

Calendar Date \_\_\_\_\_  
Julian Date \_\_\_\_\_

	AUTH	O/H	D/L	USA NUMBER	TUBE NUMBER	DATE D/L UNIT	DATE D/L DSU	ETR	REASON
7/9 105 mm	A	6							
	B	6							
	C	6							
2/35 155 mm	A	6							
	B	6							
	C	6							
1/83 8/175 mm	A	4							
	B	4							
	C	4							
7/8 8/175 mm	A	4							
	B	4							
	C	4							

**II F FORCEV ARTY Form 58 (30 August 67)**  
Previous editions of this form are obsolete.

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APPENDIX 2 (5TH BN, 2D ARTY FORMAT FOR REPORTING DEADLINED WEAPONS) TO ANNEX B

1. PURPOSE

To prescribe the instructions for use in reporting deadlined 40mm, quad 50, and searchlights. Report will be submitted using format of II FFORCEV Artillery Form 59 (FAB C).

2. INSTRUCTIONS

- a. UNIT: Indicate the battery reported.
- b. AUTHORIZED: Indicate the number of items authorized in each battery.
- c. ON HAND: Indicate the number of items that are on hand in the battery.
- d. DEADLINED: Indicate the total number of items deadlined.
- e. USA NUMBER: Indicate the USA number, as applicable, of the deadlined items or item.
- f. WEAPON OR SEARCHLIGHT NUMBER: Indicate the serial number of the deadlined weapon or searchlight if applicable.
- g. DATE DEADLINED IN UNIT: Indicate the date the item was deadlined in the battery.
- h. DATE DEADLINED DSU: Indicate the date the item was evacuated to DSU.
- i. ETR: Indicate date item is expected to return to operational status.
- j. REASON: Indicate reason item is on deadline status.
- k. REPORTING: This report will be submitted by telephone, not later than 1530 hours daily, with an as of time of 1300.

**TAB C (REPORT FORMAT) TO APPENDIX 2 (5th Bn, 2d Artillery Format For Reporting Deadlined Equipment) to ANNEX B**

**UNITS REPORTING UNDER 5TH BN, (AW) (SP) 2D ARTILLERY**

Calendar Date \_\_\_\_\_  
 Julian Date \_\_\_\_\_

	AUTH	O/H	D/L	USA NUMBER	WPN OR SLT NUMBER	DATE D/L UNIT	DATE D/L DSU	ETR	REASON
40mm									
A	16	16							
B	16	16							
C	16	16							
D	16	16							
QUAD 16 D71s	24	24							
Search- lights 129th	36	36							

**II FFORCEV ARTY Form 59 (30 Aug 67)**  
 Previous editions of this form are obsolete.

APPENDIX 3 (II FIELD FORCE COMMAND DEADLINE) TO ANNEX B (FORMS FOR REPORTING DEADLINED STATUS) TO II PFORCEV ARTY SOP

II PFORCEV: COMMAND DEADLINE						
UNIT:	DATE:					
ITEMS	AUTH:	DENSITY OH	TOTAL D/L	EDP	REMOVED EDP	ADDED EDP
1. M105 ( . ) M125 ( . )						
2. Flamethrower, M132						
3. Cmd Post Veh, M577						
4. Cargo Carrier, M548						
5. APC, M113						
6. APC, M113A1						
7. Gun AASP 40mm M24A1						
8. Veh, Recovery M88						
9. Veh, Recovery M578						
10. Rad Set AN/VRC-12 Series						
11. Rad Set AN/GRC-26						

25. Tractor, Full Tracked						
26. Tractor, Wheeled						
27. Truck, Forklift Rough Terrain						
28. Truck, Forklift Commercial						
29. Truck, $\frac{1}{2}$ - $\frac{3}{4}$ ton M274 (Mech Mule)						
30. Truck, 2 $\frac{1}{2}$ ton, all						
31. Truck, 5 ton Cargo and Tractor						
32. Truck, 5 ton Dump						
33. Rock Crusher (PRIM) 225 ton 2						
34. Rock Crusher (SEC) 225 ton 2						
35. Rock Crusher (PRIM) 75 ton 24						
36. Rock Crusher (SEC) 75 ton 25						
37. Grader Road MT2D						
38. Loader Scoop						
39. Scraper, Towed						
40. Tank M48A3						
41. Radio Set (all others)						
42. Searchlight, Xenon						
43. Person Rendering Report:						



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ANNEX C (COMMUNICATIONS) TO II FFORCELV ARTY SOP

1. COMMUNICATIONS SECURITY

a. General. The provisions of AR 380-5, 380-40, 380-41, current ACP's, KAO-11A/TSEC and KAO-49/TSEC shall govern crypto operations in the command.

b. Transmission of Classified Material. All classified material for transmission will go by cryptographic means whenever possible. Off-line means will be used only when on-line is overcrowded or inoperative. Encrypted For Transmission Only (EFTO) type traffic will be interspersed with classified traffic.

c. Classified Information. Unit designations, locations, personal names or special terminology will be considered classified information.

d. Authorization to Send in Clear. Only the commander may authorize transmission of classified information in the clear and then only under emergency conditions defined in AR 308-51.

e. Use of Operation Code. An Operation Code may be used to transmit information of a classification equal to or lower than that of the code.

f. Brevity Codes. The use of unauthorized brevity codes in lieu of authorized cryptographic systems to secure or protect text of communications is prohibited.

g. Authentication is mandatory when:

- (1) Opening or closing a net.
- (2) Enemy activity is known or suspected within a radio or wire net.
- (3) Receiving contact reports or messages amplifying such reports.
- (4) Directing the lifting or radio silence or emergency silence.
- (5) Messages of an operational nature or requiring an action.

(6) The nature of a station (friendly or hostile) is in doubt.

(7) Information or directives received which will affect the security or mission of a unit.

h. Communications Security. Communications security teams will monitor and make recommendations to improve communications security.

i. Loss or Compromise. Loss or suspected compromise of any portion of the SOI/SSI will be reported by the most expeditious means available to the II FFORCEV Artillery Communications Officer, followed by a written report to this headquarters.

## 2. CRYPTO SECURITY

### a. General.

(1) Crypto facilities will be surrounded by a secure fence.

(2) A minimum of two (2) properly cleared armed guards will be provided for each crypto facility while in convoy. During the road march an armed, properly cleared, driver and radio operator is considered adequate guard. During stationary operation an armed crypto operator is considered adequate guard. The facility must be under the surveillance of the operator or guard at all times.

### b. Access.

(1) Access to the crypto facility will be controlled by an access roster which must be posted inside the facility near the entrance.

(2) Personnel whose names are not on the roster will be permitted entry only upon receipt of authorization by the Commanding General or the Crypto Security Officer, or the Alternate Crypto Security Officer.

(3) Personnel whose names are on the roster will be admitted only after their identity has been positively established, for example, visual recognition, I D. card, etc.

## 3. OPERATING PROCEDURES

### a. SOI and SSL

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(1) SOI's and SSI's will be prepared based upon those of the next higher headquarters. They will be made as separate documents and will not be bound together.

(2) An SOI/SSI should contain only those items necessary to the operation of the issuing organization. Only those items necessary to the operation should be issued to any one individual. Entire SOI/SSI's will be issued as per the index. Separate items will be issued on a receipt.

(3) No portion of one SOI/SSI will be copied verbatim into another. Reproduction of codes is not authorized.

b. Messages. All outgoing messages will be prepared in the format of the Joint Message Form (DD Form 173), and Continuation Sheet (DD Form 173-1), typed in three copies. The third copy may be retained by the writer. The original and second copy will be delivered to the Message Center for processing.

c. Messenger/Courier. Tactical scheduled signal messenger pick-up and delivery will be accomplished by II FFORCEV between II FFORCEV organizations CP's at least once every two hours (Daylight), four hours (Night). II FFORCEV Artillery will establish service to subordinate units based upon the II FFORCEV schedule. All units will be prepared to execute a message pick-up or delivery on order.

#### 4. RADIO

a. Requests for Frequencies. Requests for additional radio frequencies or call signs and words will be forwarded to the II FFORCEV Artillery Communications Officer by letter stating justification.

b. Opening and Closing Nets. Tactical radio nets will be established as prescribed in the II FFORCEV Artillery SSI, SOI and orders. Stations will not check out of these nets without permission of the Net Control Station (NCS).

c. Authentication. Messages transmitted by Continuous Wave (CW) radio and Radio-teletypewriter (RTT) will be authenticated when directed by the Net Control Station (NCS). Voice radio transmission will be authenticated on order whenever there is doubt as to the source of the message and always when the message is of an operational nature.

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d. Power Operating Level. Radio contact will be made with full power and thereafter reduced to the minimum consistent with satisfactory operations. Mobile operations will be conducted on full power.

e. Transmission Restrictions. Radio transmissions will be held to the minimum necessary to accomplish the mission of the unit. Restriction will be placed on radio communications as required.

f. Antennas.

(1) All AM CW/RTT/SSP radio stations will erect and operate a properly engineered doublet antenna as soon as possible after occupying a new position. The requirement for doublet antenna operations shall not apply to net control stations when the resulting radiation pattern would not be compatible with unit locations.

(2) RC-292 antennas will be erected for FM radio nets at all command posts.

g. Relay Stations. Units will dispatch radio-relay vehicles immediately when unable to make contact with II FFORCEV Artillery.

h. Communications Checks. Radio communications checks may be made between stations (stationary) only if the stations have the ability and intent to improve the contact.

i. VHF Radio Communications.

(1) The II FFORCEV Signal Battalion has the mission of providing multi-channel VHF telephone and teletype circuits to II FFORCEV Artillery, Artillery Groups, Divisions Artillery and Missile Battalions.

(2) Divisions Artillery and Groups will normally terminate one channel as a sole user circuit between their FDC and II FFORCEV Artillery FDC.

j. Radio Nets, Internal. See II FFORCEV SOL

k. Radio Nets, External. See II FFORCEV SOL

5. WIRE

a. Wire Nets. Wire Nets will be established according to need and the tactical situation.

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b. Responsibility. Wire will be layed from higher to lower, from left to right, and from supporting to supported, unless otherwise directed.

c. Wire Tagging. All lines will be tagged in accordance with instructions contained in the II F FORCEV SSL

d. Wire Hazard. All wire that is installed across open fields, high over roads or in any other way as to constitute a hazard to aircraft will be marked with cloth or paper streamer.

e. Trunk Servicing. Trunk circuits will be checked every thirty minutes when not in use. The servicing and repair of trunk circuits is the joint responsibility of both users.

## 6. VHF CIRCUIT REQUIREMENTS

VHF circuits requirements should be programmed at least 60 days in advance and submitted through this headquarters to Signal Officer II F FORCEV. These requirements will be submitted monthly indicating any change to existing requirements. (See APPENDIX 1) In those cases where circuit requirements are unforeseen and the normal 60 day forecast cannot be made a letter through this headquarters to Signal Officer, II F FORCEV will be initiated. (See APPENDIX 2)

## 7. FM FREQUENCY REQUIREMENTS

FM frequency requirements should be forwarded in letter form through this headquarters to II F FORCEV Signal Officer. Sufficient copies should be forwarded so as to allow each indorsing headquarters to maintain a file copy (See APPENDIX 3). Due to lack of sufficient frequency allocations most (FM) frequencies are on a shared, non-interference basis. When a unit moves to a new area of operation, the communications officer of that unit will coordinate with the signal officer in the new area, or the communications officers of all units in that area to insure that the FM frequencies are non-interfering.

## 8. AM FREQUENCY REQUIREMENTS

Requests for frequencies will be submitted through this HQ, and II F FORCEV Signal to USARV. (See APPENDIX 4)

## 9. MAINTENANCE

TM 11-series manuals contain appropriate technical guidance for

performance of maintenance services for items of communications electronics equipment. TM 38-750 prescribes procedures for recording such services. Vigorous command supervision is required if communications equipment is to be maintained in the best possible working condition.

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APPENDIX 1 (PROGRAMMED REQUIREMENTS) TO ANNEX C  
(COMMUNICATIONS) TO II FFORCEV SOP

<u>Programmed Requirements No.</u>	<u>From User Location</u>	<u>To User Location</u>	<u>Type Circuit</u>	<u>Secure or Nonsecure</u>	<u>Date Required</u>	<u>Restoration Priority</u>	<u>Purpose and Justification</u>
	FSCE, II FFV TOC, Long Binh, RVN	S-3, 23d Arty Gp, Phu Loi	SU	Nonsecure	ASAP		Purpose: Control of Group fires in sup- port of contacts reported to the TOC (support of RF, PF, OP), also needed for Groups to clear fires with OPCON units and adjacent units (arty). To provide a method of coordinating Air and Arty fires with the G3 Air and heavy arty units. It will provide a direct route for re- porting heavy Arty warnings. No ad- ditional circuits will be required from the Hurricane TOC switchboard to FSCE.
	FSCE, II FFV TOC, Long Binh, RVN	S-3, 54th Arty Gp, Xuan Loc	SU	Nonsecure	ASAP		

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CONFIDENTIAL (when completed)

APPENDIX 2 (VHF CIRCUIT REQUEST) TO ANNEX C  
(COMMUNICATIONS) TO II FFORCELV SOP

DEPARTMENT OF THE ARMY  
HEADQUARTERS, 54TH ARTILLERY GROUP  
APO San Francisco 96376

AVGA-S

DATE

SUBJECT: VHF Circuit Request (U)

THRU: Commanding General  
II Field Force Vietnam Artillery  
ATTN: AVFB-FAE  
APO 96266

TO: Commanding General  
II Field Force Vietnam  
ATTN: AVFB-S7  
APO 96266

1. (C) Request a common user VHF circuit be installed between \_\_\_\_\_ switchboard, \_\_\_\_\_ and the \_\_\_\_\_ switchboard, \_\_\_\_\_, effective as soon as possible.

2. (C) Constant liaison with the 11th Armored Cavalry Regiment and logistic support from units in \_\_\_\_\_ area have proven that the presently installed common user circuit, is not sufficient for dependable communications.

3. (U) Contact Officer will be Lt Woltersdorf, Hammer 10.

FOR THE COMMANDER:

FRANK D. MAY  
Major, Artillery  
Adjutant

45.

CONFIDENTIAL (when completed)

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UNCLASSIFIED

ANNEX 3 (REQUEST FOR FREQUENCY (FM) TO ANNEX C  
(COMMUNICATIONS) TO II FFORCELV ARTY SOP

DEPARTMENT OF THE ARMY  
HEADQUARTERS, 54TH ARTILLERY GROUP  
APO San Francisco 96376

AVGA-S

DATE

SUBJECT: Request for Frequency (FM)

THRU: Commanding General  
II Field Force Vietnam Artillery  
ATTN: AVFB-FAE  
APO 96266

TO: Commanding General  
II Field Force Vietnam  
ATTN: AVFB-SI  
APO 96266

1. Request a new primary FM frequency be issued to this unit for use of the Command/Fire Direction Net.
2. Present frequency is shared with \_\_\_\_\_ and has proven to be unreliable due to mutual interference.
3. Request this action be expedited.

FOR THE COMMANDER:

FRANK D. MAY  
Major, Artillery  
Adjutant

46.

UNCLASSIFIED

APPENDIX 4 (REQUEST FOR FREQUENCY (AM) TO ANNEX C  
(COMMUNICATIONS) TO II FFFORCEV ARTY SOP

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DEPARTMENT OF THE ARMY  
HEADQUARTERS, 54TH ARTILLERY GROUP  
APO San Francisco 96376

AVGA-S

DATE

SUBJECT: Request for Frequency (AM)

THRU: Commanding General  
II Field Force Vietnam Artillery  
ATTN: AVFB-FAE  
APO 96266

THRU: Commanding General  
II Field Force Vietnam  
ATTN: Signal Officer  
APO 96266

TO: Commanding General  
United States Army Vietnam  
ATTN: Signal Officer  
APO 96375

1. Request that this Headquarters be allocated a suitable AM frequency (\_\_\_mc) for the purpose of establishing a Warning Net for use in the III Corps Tactical Zone.

2. Due to the increasing danger of attacks upon friendly installations it has been determined by this Headquarters that a Warning System must be initiated. This net will be monitored 24 hours daily by all artillery units in III Corps Tactical Zone and should be instrumental in warning installations and allowing them to implement protective measures and to allow the artillery to search and destroy any sites found in this area of responsibility quickly.

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APPENDIX 4 (REQUEST FOR FREQUENCY (AM) TO ANNEX C  
(COMMUNICATIONS) TO II FFORCEV ARTY SOP (cont)

3. Request that action be taken to approve this application for AM  
Frequency without delay.

FOR THE COMMANDER:

FRANK D. MAY  
Major, Artillery  
Adjutant

# ANNEX D (REPORTS) TO II FFORCEV ARTY SOP

<u>DESCRIPTION</u>	<u>DIRECTIVE</u>	<u>SUBMITTING UNIT</u>	<u>METHOD OF SUBMISSION</u>	<u>REMARKS</u>
31				
a. Casualty Report	II FFORCEV ARTY SOP	All OPCON and assigned units	Telephone	Report will be submitted using USARV Form 130-R.
b. Serious Incident report	II FFORCEV Reg 335-6	Same as above	Telephone	Report will be submitted IAW cited Reg Spot Report as required.
c. Weekly Strength Report	II FFORCEV ARTY SOP	Same as above	Telephone	Due NLT 1700 hrs. each Monday and report will include strength figures for all units as of 2400 hrs. Sunday. Format is USARV Form 175.
d. Weekly Strength Report	II FFORCEV ARTY SOP	Same as above	Courier	Due NLT 1200 hrs each Monday and includes strength figures for all units as of 2400 hrs Sunday.
e. Project Status Report	DF, AVFB- CS, HQ, II FFORCEV DTD 30 Jan 67	HQ II FFV ARTY	Courier	Due NLT 3d day of each month for preceding month to Chief of Staff
f. Infusion Status Report	II FFORCEV ARTY SOP	All OPCON and assigned units	Courier	Due NLT 3d of each month for 12 succeeding months. Format is II FFV ArtY Form 67, Appendix 2.

<u>DESCRIPTION</u>	<u>DIRECTIVE</u>	<u>SUBMITTING UNIT</u>	<u>METHOD OF SUBMISSION</u>	<u>REMARKS</u>
g. Monthly Statistical Report	LTR, AVFB-DCS, HQ II FFORCEV DTD 23 Aug 67 Subj: Monthly Statistical Report.	ALL OPCON and assigned units	Telephone or Courier	Due at SI 1200 hrs 1st of each month for preceding month. Written report to follow NLT 4th of each month.
h. Monthly Awards Report	USARV Reg 672-1	HQ II FFV ARTY	Courier	Due NLT 5th of each month for preceding month to CG, USARV, ATTN: AVHAG-PC
<u>S2</u> a. Visual Reconnaissance Report	II FFORCEV Reg 381-1	23d & 54th Gp	Teletype	Due NLT 0630 hrs daily
b. Bomprep, Shellrep or Mortrep	II FFORCEV ARTY SOP	ALL OPCON and assigned units	Telephone	Required ASAP after occurrence
c. Aircraft Request	II FFORCEV ARTY SOP	54th Gp, 5/2 Arty	Telephone	Required daily NLT 1400 hrs
d. Security Clearance Roster	MACV Reg 380-5	23d, 54th Gps; 5/2 Arty, 8/25 Arty	Mag Ctr or Courier	Required entry 6 mo (Feb & Jul) or as often as necessary
e. Rocket Defense Summary for CG's Monthly Assessment	MACV Reg 26047, dtd 5 Aug 67, Subj: Rocket Attacks	HQ II FFV ARTY	Courier	Due NLT 1st of each month to SCS

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<u>DESCRIPTION</u>	<u>DIRECTIVE</u>	<u>SUBMITTING UNIT</u>	<u>METHOD OF SUBMISSION</u>	<u>REMARKS</u>
1. After Action Report of Rocket Attack	II FFORCEV Reg 525-16; LTR, MACJ34 HQ MACV dtd 13 Aug 67, subj: After Action Reports of Rocket Attacks	HQ II FFV ARTY	Courier	Due within 5 days after attack MACV J34
<u>53</u> a. Artillery SITREP	II FFORCEV ARTY SOP	All artillery units to include division artillery	Teletype	Required report daily (See ANNEX C)
b. Artillery Incidents/Accidents	MACV Directive 335-12, II FFV Reg 335-5	Same as above	Telephone	Spot report required when accident/incident occurs.
c. Clearing & Closing Reports of Units	II FFORCEV ARTY SOP	Same as above	Telephone	Required immediately on clearing/closing.
d. Operational Report-Lessons Learned	USARV Reg 1-19	23d, 54th Gps 5/2 Art	Courier	Due NLT 15 days after EOQ to CG, II FFORCEV ARTY
e. Summary Evaluation	DF, II FFV 3 Aug 67	All Art Gps, 5/2 Art and Division Artys	Msg Ctr or Courier	5/2 Art, Groups, and Div Artys submit when major significant activities occur.

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<u>DESCRIPTION</u>	<u>DIRECTIVE</u>	<u>SUBMITTING UNIT</u>	<u>METHOD OF SUBMISSION</u>	<u>REMARKS</u>
f. Artillery Expenditures Report	Col. Mag HQ USARV AVHGCCO 56811	HQ II FFV ARTY	Courier	Due NLT 3d and 18th each month
g. Quarterly Summary of Status and Implementation of LOI 7-66	Para 3m (35) LOI 7-66	HQ II FFV ARTY		Due NLT 8 days after EOQ to CG II FFORCCLY
<u>S4</u> a. CINCPAC Forces Data Base	Ltr, USARV dtd 10 May 67 same subject	23d, 54th GP 5/2 Arty	Mag Ctr or Courier	Report will be in letter format and is due monthly NLT the 4th of each month. Neg report required. Report is CONFIDENTIAL
b. World Wide Ammunition Report (RCS 1322) (U)	USARV Reg 700-7	HHB, II FFV ARTY 8/25, 5/2 Arty	Mag Ctr or Courier	Report is submitted on II FFV Form 45 (5 Feb 67) revised and is due monthly NLT 4th of each month. Report is CONFIDENTIAL
c. Command Deadline Report	USARV 730-4	All assigned & OPCON units	Mag Ctr or Courier	Due weekly NLT 1400 hrs each Saturday as of 1700 hrs Friday. Format is II FFV Form 87 (15 Jul 67)
d. Weekly Deadline Report	USARV Reg 750-20, II FFV Reg 750-20	HHB, II FFV ARTY 8/25 Arty, 5/2 Arty	Courier	Due weekly NLT 1400 hrs each Saturday as of 1700 hrs Friday. Format is DA Form 2406

DESCRIPTION      DIRECTIVE      SUBMITTING UNIT      METHOD OF SUBMISSION

REMARKS

- e. Daily Artillery Deadline Report  
II FFV ARTY SOP  
23d, 54th Gp  
5/2 Arty  
Telephone  
Report is due NLT 1500 hrs daily as of 1300 hrs.
- f. Semi-Annual Report  
USARV 701-20  
Same as above  
Info copy from  
23d, 54th Arty Gp  
Courier
- g. Material Readiness Report  
USARV Reg 750-20  
HHB II FFV ARTY  
9/25th, 5/2 Arty  
Courier
- h. Turn in of TOE/MTOE Equip not needed for operational requirements  
USARV msg 62340, dtd 18 Sep 67  
All assigned and OPCCN units  
Courier

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COMMUNICATIONS

- a. Quarterly Possession Report  
AR 380-41  
HQ II FFV ARTY  
Courier  
Due NLT 5th day of Jan, Apr, Jul and Oct to 455th Sig Det, APO 96307
- b. Monthly Destruction Report  
AR 380-41  
HQ II FFV ARTY  
Courier  
Due NLT 5 days after supersession of material to 455th Sig Det
- c. Encrypted Traffic Report  
AR 380-40  
HQ II FFV ARTY  
Mail  
Due NLT 5th of each month to Asst Director, NSA, Washington, D. C.
- d. Material Readiness Report (Crypto)  
AR 750-38 (c)  
HQ II FFV ARTY  
Mail  
Due NLT 5th of Jan, Apr, Jul and Oct to CG, US Army Strategic Communications, SC5 Sd4, Washington, D. C.

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**ANNEX E (REFERENCES) TO II F FORCEV ARTY SOP**

**1. GENERAL**

This ANNEX lists the references, by section, applicable in the preparation of this SOP.

**2 REFERENCES**

**a. Section II - Personnel and Administration**

**(1) Army Regulations.**

- (a) AR 65-75**
- (b) AR 600-200**
- (c) AR 672-5-1**

**(2) USARV Regulations.**

- (a) USARV Reg 65-75**
- (b) USARV Reg 335-6**
- (c) USARV Reg 614-9**
- (d) USARV Reg 630-1**
- (e) USARV Reg 643-55**
- (f) USARV Reg 672-1**
- (g) USARV Reg 910-10**

**(3) II Field Force Regulations.**

- (a) II F FORCEV Reg 25-1**
- (b) II F FORCEV Reg 27-2**
- (c) II F FORCEV Reg 28-5**
- (d) II F FORCEV Reg 335-6**
- (e) II F FORCEV Reg 600-200**

(f) II FFORCEV Reg 672-1

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(4) Other.

II FFORCEV TAC SOP dtd 7 October 1966

b. Section III - Intelligence.

(1) Army Regulations.

(a) AR 380-5

(b) AR 380-6

(c) AR 380-40

(d) AR 380-41

(e) AR 345-15

(2) MACV Regulations.

MACV Reg 380-4

(3) USARV Regulations

USARV Reg 380-5

(4) Other

(a) STANAG 2088

(b) SOLOG Agreement 108

(c) II Field Force TAC SOP, ANNEX 1 (Army Aviation)

(d) FM 6-115

(e) FM 20-60

c. Section IV - Operations.

(1) II Field Force Regulations.

(a) II FFORCEV Reg 385-2

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(b) II FFORCEV Reg 525-1

(c) II FFORCEV Reg 525-9

(d) II FFORCEV Reg 525-10

(2) Other.

(a) II Field Force Tactical SOP

(b) USN Gun II OP Order 320-67

(c) FM 6-20-1

(d) FM 44-2

(e) II FFORCEV ARTY LOI 2-67

d. Section V - Logistics.

(1) USARV Regulations.

(a) USARV Reg 40-10

(b) USARV Reg 55-4

(c) USARV Reg 700-7

(d) USARV Reg 525-3

(e) USARV Reg 701-20

(f) USARV Reg 750-4

(g) USARV Reg 750-20

(2) Other.

(a) USARV Message 43652

(b) USARV Message 56228

(c) USARV Message 54939

(d) USARV Letter dated 10 May 67, subject: CINCPAC Forces

Data Base (U).

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(e) II Field Force Tactical SOP

(f) MACV Directive 55-4, dated 3 Oct 67

e. Section VI - Command and Signal

(1) Army Regulations.

(a) AR 345-210

(b) AR 380-5

(c) AR 380-40

(d) AR 380-41

(e) AR 308-51

(2) Other

(a) II Field Force Tactical SOP

(b) II Field Force SOI

(c) KAO - 11A/TSEC

(d) KAO - 49/TSEC

(e) TM 38-750

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HEADQUARTERS  
II FIELD FORCE VIETNAM  
APO San Francisco 96266

\*II FFORCEV Reg 350-1

REGULATION  
NUMBER 350-1

21 December 1967

TRAINING

II FFORCEV Training

1. PURPOSE: This regulation establishes policy and provides guidance in planning, conducting and supervising the military training of individuals and units assigned, attached and OPCON to this command.

2. POLICY: To attain and maintain the desired high state of operational readiness, all assigned, attached and OPCON units will be guided by the policies outlined in USARV Regulation 350-1 and this regulation.

3. GUNNERS QUALIFICATION TESTS FOR INDIRECT FIRE AND CREW-SERVED WEAPONS: Combat, combat support and combat service support battalions will conduct quarterly firing qualification examinations using applicable field manuals as a guide. At appendix 1 is a list of the applicable field manuals. Testing will include but is not limited to:

a. Maneuver battalions: Gunners qualification test administered by battalion or higher level headquarters for section chiefs, squad leaders, team leaders, gunners and assistant gunners of indirect fire and crew-served weapons.

b. Artillery battalions:

(1) Gunners qualification test administered by battalion or higher level headquarters for the following personnel:

(a) Company grade officers assigned to firing batteries.

(b) Chiefs of firing batteries.

(c) Chiefs of gun/howitzer sections.

(d) Gunners/assistant gunners on field artillery weapons.

(e) Crews of automatic weapons units.

\*This regulation supersedes II FFORCEV Reg 350-1, 11 June 67

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(2) Fire direction proficiency test administered by battalion or higher level headquarters. The scope of this test should include gunnery procedures, clearance procedures, rules of engagement, double check procedures, communications procedures and applicable safety techniques such as maintaining current data on no-fire zones, friendly locations and boundaries. This test will be administered to the following personnel:

(a) Company grade officers assigned to firing batteries and battalions.

(b) Fire direction personnel.

c. Other battalions: Gunners qualification test administered by battalion or higher level headquarters for section chiefs, squad leaders, team leaders, gunners and assistant gunners of indirect fire and crew-served weapons.

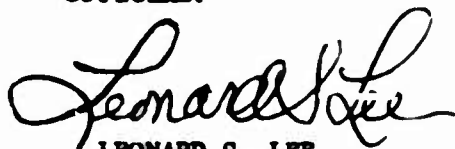
4. INDIVIDUAL WEAPONS SAFETY TEST: In addition to that training required for replacement personnel in Appendix VI, USARV Regulation 350-1, all replacement personnel will receive an individual weapons safety examination.

5. REFERENCE: USARV Regulation Number 350-1.

(AVFBC-FDT)

FOR THE COMMANDER:

OFFICIAL:



LEONARD S. LEE  
Colonel, AGC  
Adjutant General

JOHN S. LEXSON  
Brigadier General, GS  
Chief of Staff

1 Appendix  
References

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## GUNNERS QUALIFICATION TEST

### REFERENCES

FM 6-70 (105 How, M 102)  
FM 6-75 (105 How, M 101)  
FM 6-79 (105 How, M 108)  
FM 6-81 (155 How, M 114)  
FM 6-88 (155 How, M 109)  
FM 6-90 (8' How, M 2)  
FM 6-94 (8', 175 M 107/110)  
FM 6-125 (Qualification tests for Field Arty Specialists)  
FM 44-19 (Qualification program, ADA Weapons Systems)  
FM 17-12 (Tank gunnery)  
FM 17-79 (90mm M 48 tank)  
FM 17-80 (76mm M 41 tank)  
FM 23-11 (90mm RR)  
FM 23-15 (30 Cal MG)  
FM 23-65 (50 Cal MG)  
FM 23-67 (M60 MG)  
FM 23-82 (106 RR)  
FM 23-85 (60mm Mortar)  
FM 23-90 (81mm Mortar)  
FM 23-92 (4.2' Mortar)

Appendix 1, II FFORCEV Reg 350-1

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\*II FFORCEV Reg 525-1

HEADQUARTERS  
II FIELD FORCE VIETNAM  
APO San Francisco 96266

REGULATION  
NUMBER 525-1

7 December, 1967

**COMBAT OPERATIONS****Uniform Target Designation System (U)**

1. (U) PURPOSE: This regulation provides a uniform target designation system. It is intended to minimize confusion, assure troop safety, insure rapid identification of targets, and assist in coordination of fires.

2. (U) RESPONSIBILITIES: Commanders of US units and organizations in II FFORCEV will initiate Uniform Target Designation System as outlined in this regulation.

3. (C) TARGET DESIGNATION SYSTEM: The following concentration designation system will be used throughout II FFORCEV:

a. Letters. The two-letter group denotes the originator of the target. The letters I and O will not be used.

(1)	PREFIX		PREFIX
II FFORCEV	X	II FFORCEV Arty	XY
1st Inf Div	A	23d Arty Gp	XA
9th Inf Div	B	54th Arty Gp	XB
25th Inf Div	C	2d Bn, 13th Arty	XC
101st Abn Div	E	2d Bn, 11th Arty	XE
11th ACR	H	2d Bn, 32d Arty	XH
199th Inf Bde	M	6th Bn, 27th Arty	XM
1st ATF	ZE	7th Bn, 9th Arty	XP
RTAVR	ZZ	2d Bn, 35th Arty	XZ
		1st Bn, 27th Arty	XV
		1st Bn, 83d Arty	XQ
		7th Bn, 8th Arty	XX

(2) Within the division, a second letter is assigned to each major subordinate unit.

US UnitsLetters

Brigades in numerical order

A through E

Organic artillery battalions in numerical order

F through L

Attached artillery or as desired

M through V

**Inclosure 9**

\*This regulation supersedes II FFORCEV Reg 525-1, 28 Apr 67.

APPA  
101. NO  
CHV 70

C-12182  
4-122

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CONTINUED AT 3 YEAR INTERVALS  
DECLASSIFIED AFTER 12 YEARS  
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Reg No 525-1, HQ II FORCEV, APO San Francisco 96266, 7 December 1967

US Units

Letters

Not used  
Division Artillery FDC  
Division FSCE

X  
Y  
Z

(3) US (other Force units). Units which have been assigned an alphabetical designation and which are responsible for fire planning (e.g., separate brigades) may assign a second letter to their subordinate units, as desired.

b. Numbers. To designate each specific target as a separate entity, a four-digit numerical group will follow the two-letter group.

(1) US Units. Units assigned a two-letter group assign numbers as shown in (a) through (g) below

(a) Brigades of the Division.

Units

Numbers

Lowest numbered maneuver battalion attached	0001 through 0199
Next higher numbered maneuver battalion attached	0200 through 0399
Next higher numbered maneuver battalion attached	0400 through 0599
Next higher numbered maneuver battalion attached	0600 through 0799
Next higher numbered maneuver battalion attached	0800 through 0999

(b) Maneuver battalions of divisional brigades. Within the block of 200 numbers assigned to maneuver battalions, the following groups of numbers may be further assigned to subordinate elements:

Battalion headquarters, as desired	0_01 through 0_49
Heavy mortar platoon	0_50 through 0_99
Company A	0_00 through 0_24
Company B	0_25 through 0_49
Company C	0_50 through 0_74
Company D	0_75 through 0_99

Note: The first digit (thousands) will always be zero. The second digit will vary with each maneuver battalion.

(c) Direct support artillery battalions of division artillery.

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Reg No 525-1, RM II FORCEV, APO San Francisco 96266, 7 December 1967

<u>Units</u>	<u>Numbers</u>
Liaison Officer (LO) at brigade FSCC	1000-1999
LO with lowest numbered maneuver battalion (FSCC)	2000-2999
LO with next higher numbered maneuver battalion (FSCC)	3000-3999
LO with next higher numbered maneuver battalion (FSCC)	4000-4999
LO with next higher numbered maneuver battalion (FSCC)	5000-5999
LO with next higher numbered maneuver battalion (FSCC)	6000-6999
Artillery battalion FDC, as desired (firing batteries of the battalion)	7000-7999
Countermortar targets	8000-8499
Counterbattery targets	8500-8999

(d) Forward observers: The targets planned by the artillery forward observers will be assigned numbers by the artillery liaison officer with the maneuver battalion or task force from his block of allotted numbers.

(e) All other headquarters with an alphabetical designation responsible for fire planning:

1. The block 0001-0999 is reserved for maneuver units.

2. The block 1000-8999 is reserved for artillery units. Numerical designations can be made as desired except the blocks 8000-8999 will be reserved for countermortar and counterbattery targets.

(f) Targets to be engaged with air-delivered weapons: The S3 (G3) air will obtain a number from the FSCC/FSCCE's block of assigned numbers in order to designate the targets to be engaged by aircraft.

(g) Targets to be engaged by naval gunfire: Naval gunfire spotters and liaison officers will obtain blocks of numbers from the FSCC/FSCCE's block of numbers. Naval ships assigned tactical missions (i.e., direct support, general support) are assigned a two-letter group in the same manner as attached artillery.

(2) Numbers will be assigned consecutively as the targets are developed or planned.

(3) Additional numbers, if needed, will be assigned by CG, II FORCEV Arty.

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Hag No 525-1, HQ II FORCEV, APO San Francisco 96266, 7 December 1967

4. (U) REFERENCES:

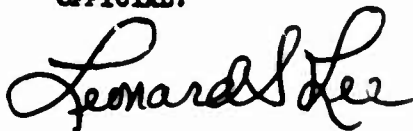
a. FM 6-20-1.

b. FM 6-20-2.

(AVFB-PA)

FOR THE COMMANDER:

OFFICIAL:



LEONARD S. LEE  
Colonel, AGC  
Adjutant General

JOSEPH D. MITCHELL  
Colonel, GS  
Acting Chief of Staff

DISTRIBUTION:

CG, II FORCEV Arty - 25  
CG, 1st Inf Div - 30  
CG, 9th Inf Div - 30  
CG, 25th Inf Div - 30  
CG, 101st Abn Div - 30  
CG, 1st ATF - 5  
CG, 199th Inf Bde - 6  
CG, 23d Arty Gp - 15  
CG, 54th Arty Gp - 15  
CG, RTAVR - 5  
AVFB-UGS - 1  
AVFEB - 2  
AVFBC - 2

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II PFCRC-V Reg 525-16  
C-2

HEADQUARTERS  
II FIELD FORCE VIETNAM  
APO San Francisco 96266

CHANGE 2  
REGULATION  
NUMBER 525-16

29 October 1967

**COMBAT OPERATIONS**

Defense Against Rocket Attacks  
(RCS: AVFB-PA-RD-P-1 and AVFB-PA-RD-M-1)

(C) Regulation Number 525-16, this headquarters, dated 23 August 1967, is changed as follows:

a. Make the following pen and ink changes:

\* \* \* \* \*

Inclosure 1 to Appendix 3

(1) Delete: (9) 2d Battalion, 34th Armor

(2) Add: (12) Senior Advisor, Capital Military District

\* \* \* \* \*

b. (U) Insert Inclosure 2, Practice Rocket Alerts, to  
Appendix 3, Fire Support Coordination to Attack Enemy Rocket Capability.  
(AVFB-PA)

FOR THE COMMANDER:

OFFICIAL:

JOHN S. LEXSON  
Brigadier General, GS  
Chief of Staff

  
DONALD E. CHUNG  
LTC, USA  
Acting AG

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INCLOSURE:

2. Practice Rocket Alert to Appendix 3,  
Fire Support Coordination to Attack  
Enemy Rocket Capability

Downgraded at 3 year intervals  
Declassified after 12 years  
DDO DIR 8200.10

Incl 10

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II F FORCEV REG 525-16  
HEADQUARTERS C1  
II FIELD FORCE VIETNAM  
APO San Francisco 96266

CHANGE 1  
REGULATION  
NUMBER 525-16

19 September 1967

**COMBAT OPERATIONS**

Defense Against Rocket Attacks  
(RCS: AVFB-FA-RD-P-1 and AVFB-FA-RD-M-1)

(C) Regulation Number 525-16, th headquarters, dated 23 August 1967, is changed as follows:

a. Make following pen and ink changes:

\* \* \* \* \*

TITLE: COMBAT OPERATIONS

Defense Against Rocket Attacks  
(RCS: AVFB-FA-RD-P-1 and AVFB-FA-RD-M-1)

\* \* \* \* \*

3. (C) RESPONSIBILITIES:

\* \* \* \* \*

c. Commanders of Divisions, Separate Brigades, and Artillery Groups:

\* \* \* \* \*

(3) (Superseded) Conduct analysis of each attack and submit required post attack report in accordance with Appendix 2 (Reports Control Symbol AVFB-FA-RD-P-1).

\* \* \* \* \*

(6) (Superseded) Submit monthly progress reports on defense against rocket attacks to this headquarters, ATTN: AVFB-FA-RD, NLT 28th day of the month as of the 25th day (Reports Control Symbol

DOWNGRADED AT 3 YEARS INTERVALS

DECLASSIFIED AFTER 12 YEARS

DOD DIR 5200.10

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CI, Reg No 525-16, HQ, II FFORCEV, APO 96266, 19 Sept 1967

AVFB-FA-RD-M-1)

\* \* \* \* \*

## d. Coordinating Instructions:

\* \* \* \* \*

(2) (Superseded) Defense plans for vital installations will be submitted to this headquarters, ATTN: AVFB-FA-RD, NLT 15 days after receipt of this regulation.

\* \* \* \* \*

## APPENDICES:

\* \* \* \* \*

3. (Added) Fire Support Coordination to Attack Enemy Rocket Capability.

\* \* \* \* \*

## APPENDIX 2, TITLE:

### POST ATTACK REPORT FORMAT RCS AVFB-FA-RD-P-1

1. (C) A post attack report will be submitted to this headquarters, ATTN: AVFB-FA-RD, ....

\* \* \* \* \*

2. (C) The following items will be included in the Post Attack Report:

\* \* \* \* \*

## V. Friendly Reaction:

\* \* \* \* \*

(2) (Superseded) Quantity of ordnance expended (by type):

\* \* \* \* \*

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C1, Reg No 525-16, HQ, II FFORCEV, APO 96266, 19 Sept 1967

b. (U) Insert Appendix 3, Fire Support Coordination to Attack Enemy Rocket Capability.

c. (U) Revision to defense plans resulting from this change will be forwarded to this headquarters, ATTN: AVFB-FA-RD, NLT 15 days after receipt of this change.

(AVFB-FA)

FOR THE COMMANDER:

OFFICIAL:



LEONARD S. LEE  
Colonel, AGC  
Adjutant General

JOHN S. LEKSON  
Brigadier General, USA  
Chief of Staff

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APPENDIX:

3. Fire Support Coordination to  
Attack Enemy Rocket Capability

Incorporated into Reg. 525-16

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II F FORCEV REG 525-16

HEADQUARTERS

II FIELD FORCE VIETNAM

APO San Francisco 96266

REGULATION  
NUMBER 525-16

23 August 1967

**COMBAT OPERATIONS**

**Defense Against Rocket Attacks**  
(RCS: AVFBC-P-1 and AVFBC-M-1)

1. ( C ) PURPOSE: To provide guidance to units under OPCON of II F FORCEV for defense of major US installations in III CTZ against rocket attacks.

2. ( C ) GENERAL: The enemy has introduced a new dimension to the war in Vietnam with the employment of coordinated rocket attacks against major US installations. To counter this threat, commanders of bases and installations must allocate and coordinate available resources to detect and deter enemy preparations and to respond with force if attacked. The general concept for meeting this threat to the security of our vital base areas is visualized as a four-phased operation as follows:

a. Phase I. Deny the enemy suitable position areas from which to launch an attack.

b. Phase II. Detect the enemy in his launch position and destroy him prior to launch.

c. Phase III. If attacked, react with force to limit the attack and to destroy attacking forces.

d. Phase IV. Conduct a post attack analysis from which are derived revision to plans and procedures based upon lessons learned.

3. ( C ) RESPONSIBILITIES: Objectives and responsibilities will be established and assigned down to base camp level. Thorough coordination at each level will maximize use of available resources.

a. Project Manager, Headquarters, II F FORCEV:

(1) Monitor and review rocket defense program within III CTZ and coordinate, as necessary, combined arms pre-strike, defense, and response actions against enemy rocket forces and attacks.

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DECLASSIFIED AFTER 12 YEARS  
DOD DIR 5200.10



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Reg No 525-16, HQ, II FFORCEV, APO San Francisco 96266, 23 Aug 67

(2) Coordinate defense plans with those commands within III CTZ, but not OPCON to II FFORCEV (e. g., Tan Son Nhut and Bien Hoa).

(3) Prepare and process all reports and actions pertaining to defense against enemy rocket attacks.

(4) Establish a data bank from which all subordinate commands can draw information concerning the enemy rocket threat.

(5) Effect coordination and liaison with USAF and USN as necessary.

b. ACofS, G2, ACofS, G3 and Arty Officer this headquarters: Designate Action Officers from within their sections who will be responsible to the general guidance and direction of the Project Manager in the discharge of the above responsibilities.

c. Commanders of Divisions, Separate Brigades, and Artillery Groups:

(1) Prepare defense plans against enemy rocket attacks for vital installations within TAOL. Incorporate actions listed in Appendix 1 into plans where applicable.

(2) Centralize the monitorship and review of rocket defense programs for vital installations within tactical areas of interest including coordination of defense and reaction efforts between/among key base camp areas.

(3) Conduct analysis of each attack and submit required post attack report in accordance with Appendix 2 (Reports Control Symbol AVFBC-P-1).

(4) Conduct frequent drills and rehearsals to sharpen responsiveness and to achieve maximum effectiveness of this program.

(5) Be prepared to brief CG, II FFORCEV on all aspects of each rocket attack within areas of responsibility.

(6) Submit monthly progress reports on defense against rocket attacks to this headquarters, ATTN: AVFBC RD, MLT 28th day of the month as of the 25th day (Reports Control Symbol AVFBC-M-1).

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Reg No 525-16, HQ, II FFORCEV, APO San Francisco 96266, 23 Aug 67

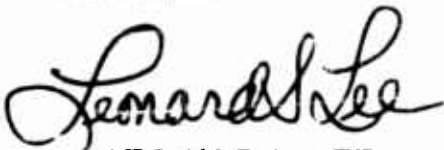
d. Coordinating Instructions:

- (1) This regulation is effective upon receipt.
- (2) Defense plans for vital installations will be submitted to this headquarters, ATTN: AVFBC-RD, NLT 15 days after receipt of this regulation.

(AVFB-FA)

FOR THE COMMANDER:

OFFICIAL:



LEONARD S. LEE  
Colonel, AGC  
Adjutant General

ROBERT C. FORBES  
Brigadier General, GS  
Chief of Staff

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APPENDICES:

1. Actions for Defense Against Rocket Attacks
2. Post Attack Report Format

Add.

3. Fire Support Coordination to Attack Enemy Rocket Capability

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## ACTIONS FOR DEFENSE AGAINST ROCKET THREATS

1. (C) CONCEPT: To counter the enemy rocket threat against II FFORCEV base camps and installations within available resources, commanders will take actions required to prevent attack or to limit its effectiveness should it occur. Operations are considered to be in four phases as follows:

a. Phase I. Deny the enemy suitable position areas from which to launch an attack.

b. Phase II. Detect the enemy in his launch position and destroy him prior to launch.

c. Phase III. If attacked, react with force to limit the attack and to destroy attacking forces.

d. Phase IV. Conduct a post attack analysis from which are derived revision to plans and procedures based upon lessons learned.

2. (C) ASSUMPTION: The concept for defense against enemy rocket attacks is based upon assumptions concerning his method of operation. This visualizes his stockpiling of rockets in base camp or staging area days prior to attack; detailed daylight reconnaissance and survey of position areas to determine azimuth and quadrant settings; a movement to and occupation of firing positions during darkness; detailed preparation of attack positions; and conduct of the attack so that he can withdraw to rendezvous areas still under cover of darkness. Rocket attacks in the III Corps Tactical Zone have occurred between 2400 and 0130 hours. Attack forces have numbered between 300 and 500 personnel which includes launch personnel, security forces and supporting anti-aircraft forces. Future attacks can be expected to take place under essentially the same operational procedures and in the same time frame.

3. (C) SPECIFIC TASKS: Within available means; the tasks listed below are to be accomplished.

a. Initial preparations: Pre Phase I tasks and operations include:

(1) A concentrated intelligence effort directed at determining locations of enemy forces that have a rocket capability and follow on operations to destroy those forces.

(2) Identification of the rocket belt.

APPENDIX 1

# CONFIDENTIAL

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(3) Passive defensive measures to minimize personnel casualties, loss of communications, and destruction of facilities and materiel.

(a) Dispersion within installation.

(b) Improved personnel shelters and revetment of sensitive equipment and facilities.

(c) Underground and/or redundancy in land communications.

(4) Construction of required observation towers equipped with azimuth measuring devices.

b. Phase I - Denial of suitable rocket launch position areas.

(1) Establish fire support patrol bases in and/or beyond the rocket belt.

(2) Intensive patrolling, eagle flights and airmobile operations within and beyond the rocket belt and into possible staging areas.

(3) Establish ambushes within the rocket belt and/or routes of access to include waterways.

(4) Accomplish selective defoliation and clearing within the rocket belt.

(5) Harassment and interdiction fires (artillery and air). These fires should be planned throughout the period of darkness, interdicting possible rendezvous and assembly areas, launch areas, and routes of access and egress. Consideration will be given to time frames of previous VC rocket attacks when planning harassing and interdiction fires.

c. Phase II - Detection and Destruction Prior to Launch.

(1) Concentrated intelligence efforts to include daily visits to hamlets within rocket belt. Immediate followup action will be taken on intelligence obtained.

(2) Observation (day and night).

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(a) Normal visual reconnaissance daily with emphasis on rocket belt.

(b) Last light reconnaissance of the rocket belt to detect preparations of launch sites and/or unusual movement in the area.

(c) Last light check on possible assembly areas.

(d) Night VR using night vision devices and periodic illumination.

d. Phase III - Response to Attack.

(1) A coordinated effort will be made to determine accurate launch sites using:

(a) Countermortar radar.

(b) Observation towers (minimum of four per base camp).

(c) Air observers.

(2) Launch strip alert gunships (LFT).

(3) Direct "Spooky" to target area.

(4) Fire counter rocket program using coordinated fires of artillery and armed aircraft.

(5) Fire artillery zone fires through the launch areas, likely avenues of withdrawal, and rendezvous areas.

(6) Appropriate ground follow-up by previously designated reaction forces with mission of destroying rocket forces and/or equipment.

e. Phase IV - Post Attack Analysis. A complete exploitation of each rocket launch area will be conducted. This information will be correlated with all available information, e. g., prior intelligence indicators, tactics, IPW reports, agent reports, aerial photographs and modus operandi of rocket units.

(1) An analysis will be conducted subsequent to a detailed investigation of each attack. Analysis will include, but will not be limited to determining:

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(a) Lessons learned.

(b) Successful techniques and applications of resources which can be implemented command wide.

(c) Revision of plans and procedures required to enhance denial, detection, destruction and response capabilities.

(2) A report will be submitted in accordance with Appendix 2.

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## POST ATTACK REPORT FORMAT RCS AVFBC-P-1

1. ( C ) A post attack report will be submitted to this headquarters, ATTN: AVFBC-RD, in accordance with the outline listed below and not later than 72 hours subsequent to the attack. Annotated aerial photographs of enemy launch sites and ground photographs of damage inflicted will be taken and forwarded with each report.

2. ( C ) The following items will be included in the Post Attack Report:

- a. Location of attack:
- b. Date:
- c. Time:
- d. Duration of attack:
- e. Type of rockets:
- f. Number of rounds:
- g. Fuse settings:
- h. Impact plot of rounds:
- i. Friendly casualties:
- j. Friendly damage:
- k. Launch site locations:
- l. Method of locating site (counterbattery radar or visual):
- m. Type of terrain:
- n. Number of positions:
- o. Emplacements or fortifications:
- p. Enemy unit identification:

### APPENDIX 2

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- q. **Enemy casualties:**
- r. **Enemy damage:**
- s. **Detailed listings of equipment captured at site:**
- t. **Employment:**
  - (1) **Salvo:**
  - (2) **Independent:**
- u. **Tactics:**
  - (1) **Combined attack:**
  - (2) **Ground assault:**
- v. **Friendly reaction:**
  - (1) **Reaction time:**
    - (a) **Artillery:**
    - (b) **Air:**
    - (c) **Ground:**
  - (2) **Quantity of ordnance expended (by time):**
  - (3) **Patrol and ambush positions at time of attack:**
    - (a) **Number of each:**
    - (b) **Locations/routes of each:**
- w. **Enemy infiltration routes:**
- x. **Enemy exfiltration routes:**
- y. **Enemy staging area locations:**
- z. **Prior intelligence indicators:**
  - (1) **Agent reports:**

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(2) Troop sightings:

(3) Enemy contacts:

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## FIRE SUPPORT COORDINATION TO ATTACK ENEMY ROCKET CAPABILITY

1. (U) PURPOSE: The purpose of this appendix is to direct certain fire coordination and communication procedures to be followed to destroy the enemy rocket capability.

2. (C) CONCEPT:

a. The enemy's use of long range weapons extends the significant threat area out to a range which might be beyond the authority and resources of a single commander. To destroy the enemy's rocket capability requires that tactical and installation commanders coordinate and develop complementary arrangements when:

(1) The threat area is an area not under the authority of the threatened commander.

(2) Resources (Artillery, Gunships, Spooky, Tactical Air) to attack the threat area are not under the authority of the threatened commander.

b. An improved capability to attack the enemy's rocket threat can be realized by coordinating presently available communications means and by adapting fire support coordination techniques and fire clearance procedures to meet this threat.

3. (C) RESPONSIBILITIES: To achieve the maximum from existing resources the following will be accomplished:

a. Subordinate commanders now in the II Field Force Command Net (FM) will be prepared to receive and/or transmit to all commanders in the net selected Rocket Alert Messages. Inclosure 1 depicts present subscribers and sample messages. Subordinate commanders will establish this type Rocket Alert Net for all units and installations in their areas.

b. The commander in whose TAOI/TAOR/AO the rocket site is detected will announce such detection, announce clearance and request additional fire, or announce denial to fire.

c. All other commanders hearing the message announcing clearance to fire and request for additional fires will respond to the call for fire with all fire support means not engaged in the support of troops in contact, and without regard to boundaries. Once fire support

Appendix 3 to II FFORCEV Reg 525-16, 23 August 1967 (Chg 1. 19 Sep 67)

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has been requested coordination of the employment of the fire support, to include gunships, spooky, artillery and Tac Air, is a responsibility of the requesting commander. Procedures for terminating fires when no longer needed will be worked out in advance between adjacent commanders.

d. Commanders will select and identify probable rocket launch sites from which vital installations can be attacked. To expedite clearance to fire procedures, commanders are encouraged to have these sites declared Specified Strike Zones. SSZs can be established for continuous 24 hour periods or during the hours when curfew is in effect.

e. Commanders will develop counter rocket target lists and preclear as many targets as possible. Dissemination of these target lists to higher, lower and adjacent commanders is encouraged.

f. Direct coordination between commanders is directed.

1 Incl

as

Add

Incl 2

Practice Rocket Alerts

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## ROCKET ALERT NET

**Rocket Alert Net:** A rocket alert net will be operated to expedite information of actual or possible enemy rocket attacks upon friendly installations in III CTZ. All stations which are subscribers in this net (II FFORCEV CG Command Net) (FM) (59.3) will monitor the net 24 hours daily.

a. The following major units are at present subscribers in the II FFORCEV CG Command Net (FM) in accordance with II FFORCEV SOI item 54-1.

- (1) 1st Infantry Division
- (2) 9th Infantry Division
- (3) 25th Infantry Division
- (4) 199th Infantry Brigade
- (5) 1st Australian Task Force
- (6) 12th Aviation Group
- (7) 23d Artillery Group
- (8) 54th Artillery Group
- (9) ~~2d Battalion, 34th Armored~~
- (10) 5th Battalion, 2d Artillery
- (11) Company A, 5th Special Forces Group (Airborne)
- (12) *SENIOR ADVISOR, Capital Military District*

b. All subscribers will rebroadcast alerts to their subordinate units using their own alert net. The II FFORCEV CG Command Net (FM) will not be used for rebroadcast by subordinate units to subordinate units. However, all subscribers are required to initiate alerts to the other stations in the net. Standard alert messages will be used when broadcasting the rocket attack alerts. When the rocket location is known and additional fire support is requested, the message will contain a statement as to whether clearance to fire is granted.

c. Sample messages follow:

Inclosure 1 to Appendix 3

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(1) Hurricane, this is \_\_\_\_\_ . \_\_\_\_\_  
(Call Sign) (Name of Installation)  
under rocket attack. Rockets being fired from coordinates \_\_\_\_\_.  
(Clearance to fire is granted). (Request all available fire) (Clearance  
to fire is denied) (Request no additional fire).

(2) Hurricane, this is \_\_\_\_\_ . \_\_\_\_\_  
(Unit Call Sign) (Name of Instal-  
lation) under rocket attack. Rockets being fired from unknown location.

(3) Hurricane, this is \_\_\_\_\_ . Enemy rocket forces/-  
(Call Sign)  
rocket launch positions have been sighted at coordinates \_\_\_\_\_.  
Effective time \_\_\_\_\_. (Clearance to fire may be granted if the in-  
telligence is current and all available fire may be requested)

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## PRACTICE ROCKET ALERTS

1. (C) Practice rocket alerts will be conducted periodically on an unannounced basis as directed by HQ, II FFORCEV. These practice alerts will be conducted to test notification procedures and reaction times for fire support means.

2. (C) Practice alerts will be initiated by this headquarters or by subordinate headquarters as directed by HQ, II FFORCEV. The designated headquarters will:

- a. Designate a target location.
- b. Obtain US and ARVN ground clearance for target location.
- c. Provide Paris Control with high altitude artillery warning as required for all units within range of the target.
- d. Announce the alert, to include clearance of fire, over the Rocket Alert Net.

3. (C) Upon receipt of the Practice Rocket Alert Message, each headquarters will insure information sufficient to initiate immediate action is disseminated to their fire support means. Care will be taken to insure that delivery units obtain local AWCC clearance before firing.

a. Aircraft need not be scrambled for the practice alert; however, aviation units will report the time the message was received and the estimated time for aircraft to be over the target area.

b. All artillery units within range of the designated target not engaged in support of troops in contact will fire one round high explosive per battery on the target location and record the reaction times.

4. (C) Sample Practice Rocket Alert Message follows:

"Hurricane, this is (call sign). This is a Practice Rocket Alert for (name of installation). Target coordinates \_\_\_\_\_. US and ARVN ground clearance and Paris air clearance are granted by (initials). Local air clearance is the responsibility of the firing unit. Request all available fire. This is a practice."

5. (C) Subscribers to the Rocket Alert Net will submit Post practice Rocket Alert Report to the Fire Support Coordination Element (Hurricane TCC Drop 141/142/143) II FFORCEV, by telephonic means NLT 2 hours after the receipt of the Practice Rocket Alert Message.

a. The following items will be included in the Post Practice Rocket Alert Report:

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- (1) Time the message was received at major command headquarters.
  - (2) Time the message was received at last delivery unit notified.
  - (3) Artillery - time the rounds were on the way.
  - (4) Aviation - estimated time to scramble aircraft and arrive over the target area.
- b. Subscribers not able to respond with fire support will submit the time the message was received and a negative report.

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HEADQUARTERS  
II FIELD FORCE VIETNAM  
APO San Francisco 96266

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REPUBLIC OF VIETNAM  
RVNAF  
III CORPS AND III CTZ

II FORCEEV REGULATION  
NUMBER 525-9

29 September 1967

### COMBAT OPERATIONS

Clearance of Fires and Procedures  
and Responsibilities for Requesting, Approving and Using TAOR and AO (U)

1. (U) PURPOSE:

a. To establish procedures for obtaining and coordinating Tactical Areas of Responsibility, Areas of Operation and Specified Strike Zones.

b. To inform ground commanders of procedures for clearance of fires in the III Corps Tactical Zone (CTZ).

c. To tie responsibilities of terrain control with responsibilities for coordination of fire support means.

2. (U) DEFINITIONS:

a. Tactical Area of Responsibility (TAOR): An area approved by ARVN Division Tactical Area (DTA)/Capital Military District (CMD) commander within which a US/RVNAF commander has assumed primary tactical responsibility for an indefinite period of time and may conduct operations on a continuing basis.

b. Area of Operation (AO): An area in which a commander has obtained approval from ARVN DTA/CMD or US TAOR commander to conduct operations for a period up to 60 days unless renewed. These areas, and the responsibilities and authorities of the military units within them, will be coordinated with responsible military and civil officials in the course of operational planning.

c. Primary Tactical Responsibility: The command obligation for area security to include defense of key installations, and conduct and coordination of operations against hostile military forces, and support GVN Revolutionary Development activities within a given area.

d. Artillery: For the purpose of this regulation, the term "artillery" includes mortars, artillery and naval gunfire.

e. Specified Strike Zone (SSZ): An area approved by GVN/RVNAF (DTA Commander and CMD Commander) where artillery, air strikes, and naval gunfire may be employed without civil clearance; however, military clearance is required.

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f. **Sector Commander:** Military Commander of the sector who is responsible for RF/PF and other RVNAF forces attached to the sector. He is normally also the Province Chief who is head of the civil activities in the province. For the purpose of this regulation, the Sector Commander/Province Chief will be referred to as the Sector Commander and the Sub-sector Commander/District Chief as the Subsector Commander.

g. The following terms are undefined and should not be used:

- (1) Free Fire Area.
- (2) Free Fire Zone.
- (3) Free Strike Zone (Except J-52 Free Strike Zone).
- (4) Free Bomb Zone.

3. (C) REQUESTING OF TAOR AND AO:

a. US/FMRF division and separate brigade commanders will submit requests for TAOR to the responsible ARVN DPA/CID commander at least 72 hours in advance, using the format shown as Appendix 1. This request will include:

- (1) Code designation.
- (2) Indication of area required. (Attach 1:50,000 scale overlay if necessary to identify the area).
- (3) Desired effective dates for area requested.
- (4) Name of controlling headquarters and location.
- (5) Name, rank, title and phone number of individual coordinating the request.
- (6) Special requests for Specified Strike Zones within the area requested and restrictions pertaining to their use.

b. Procedures for obtaining an AO are the same as that described for TAOR in paragraph 3a above, except that if the AO is located within a US/FMRF TAOR, the request will be submitted to the US TAOR Commander instead of the ARVN DPA/CID Commander.

c. The approving commander will:

- (1) Indicate approval by message (See Appendix 2).
- (2) Provide requesting unit with the following information:
  - (a) Effective dates for TAOR or AO.

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(b) Specified Strike Zones approved, with special instructions as required.

(c) Curfew restrictions in effect on civilian movement for all areas within the TAOR or AO (may be listed as an annex, if lengthy).

(d) Location and designation of all RVNAF forces (ARVN, RF/PF, CIDG and RAG) with home station in the TAOR or approved AO, and all RVNAF forces within 1,000 meters of the TAOR or AO boundary.

(e) Authentication by the DTA/CMD (or US Senior Tactical Commander) approving authority.

d. Whenever a unit using a TAOR or AO, because of departure or other reason, is no longer capable of fulfilling its responsibilities in all or a portion of the TAOR or AO, the using unit commander will so notify the commander from whom the area was originally obtained. The approver of the TAOR or AO will then resume either full or partial responsibility for the TAOR or AO as he deems appropriate.

e. Code Designation of TAOR/AO: TAOR/AO requests will be designated as follows: EXAMPLE: T - HM - 25VN - 001 - 7  
(1) (2) (3) (4) (5)

(1) TAOR/AO (T or A).

(2) Province (e.g., HM for Hau Nghia or HM/LA for two provinces).

(3) Requesting unit designation and country (e.g., 173US, 25VN, or 1ATF).

(4) Numerical sequence of TAOR/AO will be assigned by requesting unit (e.g., 001). US Divisions may allocate blocks of numbers to subordinate units and ARVN Divisions may allocate blocks to sectors as necessary).

(5) Year (last digit) (e.g. - 7).

f. A file of all approved TAOR/AO will be maintained even though responsibility is relinquished. TAOR/AO may then be easily reinstated by the requester referring to the previously approved TAOR/AO.

4. (C) COORDINATION OF TAOR AND AO: Requester and approver of TAOR or AO will make initial and continuous coordination to accomplish the following:

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- a. Establish mutual exchange of intelligence and information between DTA, sector, subsector, and units entering TAOR or AO.
- b. Coordinate the employment of available reaction forces and artillery to fire in support of RVNAF forces in the TAOR or AO or the periphery thereof.
- c. Coordinate and be knowledgeable of movements of all friendly forces in the areas of responsibility where mutual interference could exist.
- d. Coordinate on measures to minimize civilian casualties.
- e. Coordinate desired changes to approved TAOR or AO and notify III Corps.

5. (C) RESPONSIBILITIES FOR CLEARING FIRES:

- a. Division Tactical Area (DTA/Capital Military District (CMD) Commander is responsible to provide the final approval of specified strike zones in his DTA. Other responsibilities are detailed in para 5d below.
- b. TAOR/AO or RVNAF commanders having principal tactical responsibility for the area where the fires will impact will clear all artillery fires and air strikes within his area of tactical responsibility. This clearance will be granted only after he has obtained civil clearance from the sector commander except in the specified strike zone where no civil clearance is required.
- c. Sector Commander:
  - (1) Responsible to provide civil approval of specified strike zones in his sector.
  - (2) Responsible to provide civil clearance for artillery targets and air strikes outside specified strike zones located in his sector. (He may delegate this authority to the subsector commander).
  - (3) Other responsibilities are detailed in para 5d below.
- d. All commanders using artillery and air strikes in the III CTZ will insure that fires are cleared by the AO, TAOR, or RVNAF commander having principal tactical responsibility for the area where the fires will impact except clearance is not required for:
  - (1) Artillery fire in support of friendly units in contact with VC/NVA forces (except in hamlets).

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(2) Observed artillery fire against targets of opportunity which are clearly identified as hostile.

6. (c) PROCEDURES FOR CLEARING FIRES:

a. General:

(1) All US/FWPAF commanders who use artillery and air strikes will insure that coordination is effected with adjacent commanders when fire is planned within 1,000 meters of adjacent AO/TACR boundaries.

(2) Unless otherwise specified, the clearance described in para 5d above is approval to conduct air and artillery strikes in an area of 1,000 meters radius around the requested target coordinates.

b. Artillery:

(1) No fire will be directed on a hamlet unless friendly ground forces are receiving fire from that hamlet and the sector commander has approved clearance to fire on the hamlet. The ground commander conducting a ground operation may direct suppressive fires on identified enemy target in hamlet if failure to do so would jeopardize his mission. Coordination on use of fire in hamlets should be accomplished prior to an operation.

(2) Unobserved naval gunfire will be employed only when observed fire is not possible because of geography, weather, or lack of a trained observer. Unobserved naval gunfire is an deviation from standard procedures and should never be undertaken in close proximity to friendly forces.

(3) Artillery warning procedures must be followed for artillery firing to include firing into a Specified Strike Zone. Provisions of references 7h and 7j apply.

c. Air:

(1) Final clearance for air strikes will be granted by DTA/CMD or sector commander.

(2) Air requests, when forwarded, will include the DTA/sector clearance number.

(3) No friendly forces will enter B-52 Free Strike Zones except in accordance with references 7f and 7g.

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(4) Army fixed wing aircraft and helicopters may return fire received from an identified hostile source located in a hamlet when cleared by the sector commander. Army aircraft may direct suppressive fires on identified enemy targets in hamlets if failure to do so would jeopardize the mission.

7. (U) REFERENCES:

a. Combined Campaign Plan 1967, RVNAF, JGS and MACV, 7 November 1966.

b. Classified Instructions No 298, RVNAF, JGS, subject: Coordination of Operations between RVNAF and Allied Forces, 26 January 1966.

c. Letter, MACCOC 1, HQ, MACV, 25 November 1966, subject: Definition of TAOR and AO.

d. MACV Directive 95-4, Aviation - US Air Operations in RVN (U), 28 June 1966.

e. MACV Directive 525-18, Combat Operations - Conduct of Artillery, Mortar and Naval Gunfire (U), 19 October 1966.


f. II FFORCEV Regulation No 525-15, Combat Operations - B-52 Strikes (U), 30 April 1967.


g. RVNAF III Corps and III CTZ Memorandum No 062, Procedures of Realization of B-52 Bombardment and Establishment of B-52 Free Strike Zones, 20 April 1967.

h. II FFORCEV Regulation 385-2, subject: Safety - Safeguarding Aircraft from Artillery Fires, 2 July 1967.

i. Letter AVFEC, HQ, II FFORCEV, 16 December 1966, subject: Letter of Instruction (LOI 7-66) (II FFORCEV Campaign Plan for 1967) (U).

j. RVNAF, III Corps and III CTZ Message No 094, 2 February 1967, subject: Safeguarding of Aircraft from Artillery Fires.

  
FRED C. WEYANT  
Lieutenant General, USA  
CG, II FFORCEV

  
LE NGUYEN KHANG  
Lieutenant General  
CG, III Corps and III CTZ

2 Appendixes  
as

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**CONFIDENTIAL**  
DEPARTMENT OF THE ARMY  
25TH INFANTRY DIVISION  
APO San Francisco 96314

MACEN - 25th

25 May 1967

SUBJECT: Request for Area of Operation (AO)(U)

THRU: Senior Advisor  
18th Infantry Division  
APO 96314

TO: Commanding General  
18th ARVN Division  
Xuan Loc, Vietnam

1. (C) Request that AO A-BH-25US-001-7 be approved.
  - a. For the area outlined by coordinates: Y8060978, 080897, 128905, 143914, 120978.
  - b. For period: 190600 May 67 to 281800 May 67.
2. (C) Controlling headquarters: 1st Bde, 25th US Division.
3. (U) Individual coordinating request: John D. Doe, CPT, LNO BHA, 303.

FOR THE COMMANDER:

1 Incl  
Overlay

Cy furn:

CG, II FFORCEV, ATTN: G3, APO 96266  
CG, III Corps, ATTN: G3, THRU: DSA, III Corps Advisory Group, ATTN:  
G3, APO 96227  
Sector Commander, Bien Hoa Sector, THRU: Senior Advisor, Bien Hoa Sector,  
APO 96227

(Suggested format for request for TAOR/AO)

Appendix 1 to II FFORCEV Regulation 525-9/III Corps Regulation

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DECLASSIFIED AFTER 12 YEARS  
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## Approval of TAOR/AO

1. (C) Approval of TAOR or AO will be indicated by message with immediate precedence.
2. (C) Message addressees will include: Requestor and those listed as info addressees on request.
3. (C) Suggested format of message:
  - a. A-MH-25US-001-7 is approved for period 190600 May to 281800 May 67 (except as noted in para c below)\*.
  - b. Requested area: YS060978, 080897, 128905, 143914, 120978\*\*.
  - c. Part of area not approved: YS120978, 128959, 120956\*\*\*.

\*On TAOR the time will be for an indefinite period.

\*\*Included so that addressees will have information if message arrives before written request and overlay.

\*\*\*Included as separate paragraph to direct attention to fact that entire area was not approved (included if applicable).

(Suggested format for approval of TAOR/AO)

Appendix 2 to II FORCEV Regulation 525-9/III Corps Regulation

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